



TAMI RITTER, CHAIR
Supervisor, District #3

ANGEL CALDERON, VICE CHAIR
Councilmember, Gridley

BILL CONNELLY
Supervisor, District #1

PETER DURFEE
Supervisor, District #2

TOD KIMMELSHUE
Supervisor, District #4

DOUG TEETER
Supervisor, District #5

CHUCK NUCHOLS
Vice Mayor, Biggs

ADDISON WINSLOW
Councilmember, Chico

ERIC SMITH
Vice Mayor, Oroville

ROSE TRYON
Vice Mayor, Paradise

STEPHEN ERTL
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

**REGULAR MEETING NOTICE OF THE
BUTTE COUNTY AIR QUALITY
MANAGEMENT DISTRICT GOVERNING BOARD
December 7, 2023 - 10:00 a.m.**

Meeting Location:

**Butte County Association of Governments Board Room
326 Huss Drive, Suite 100, Chico, California**

Members of the public are encouraged to attend the meeting in real time using the Zoom information listed below. Please note: To join the video conference, you will need a webcam and computer audio (speakers and microphone). If you do not have either, you may dial 1-669-900-9128 to join by audio only.

<https://us02web.zoom.us/j/87111751705?pwd=em1GWGk2cVJZTExqYmwraGw2T1pgdz09>

Zoom Meeting ID: 871 1175 1705 Passcode: 298155

The Governing Board is committed to making its proceedings accessible to all citizens. Individuals with special needs should call the Clerk of the Board at (530) 332-9400, Monday through Friday, 7:30 a.m. to 4:30 p.m. to request disability-related modifications, accommodations or to request materials in alternate formats. All requests for special accommodations and/or alternative format documents must be made 48 hours prior to the meeting. Every reasonable attempt will be made to provide such accommodations.

- | | |
|---|--------------|
| 1. Call to Order and Roll Call. | Chair |
| Consider approval of Directors request to participate remotely and utilize Just Cause or Emergency Circumstance per AB 2449. | |
| 2. Additions and Deletions to the Consent Agenda. | Chair |

CONSENT AGENDA

- | | |
|--|----------------------|
| 3.1 Minutes of the October 26, 2023 Meeting of the Board of Directors. | Kelly Towne |
| 3.2 Activity Report on Butte County Air Quality Management District Activities. | Stephen Ertle |
| 3.3 Financial Report | Aleah Ing |
| 3.4 Calendar of Events | Stephen Ertle |
| 3.5 Status Report on Communications. | Kelly Towne |
| 3.6 2024 Meeting Schedule | Kelly Towne |

- 3.7 2024 Rule Adoption Schedule
- 3.8 Carl Moyer Grant Approval
- 3.9 CAP Incentives Grant Approval

Jason Mandly
Jason Mandly
Jason Mandly

REGULAR AGENDA

ITEMS FOR ACTION

- 4. **Items removed from the consent agenda for Board consideration and action - *if any*** *Chair*
- 5. **Prescribed Burn Reporting and Monitoring Support Program (Year 5) Approval and Update** *Ursula Parker*
- 6. **Wildfire Mitigation Plan Public Hearing** *Jason Mandly*

ITEMS FOR INFORMATION

- 7. **Emissions Inventory Status Report** *Riley Peacock*
- 8. **APCO Report** *Stephen Ertle*
- 9. **Other Business.** *Chair*
- 10. **Public Comment Period.** Any person may address the Board of Directors on any matter within the jurisdiction of the Board that is not on the agenda for this meeting. Any person may address the Board on an agenda item when that time is called. The chair requests that each person addressing the Board limits their presentation to five (5) minutes. *Chair*
- 11. **Adjourn to Closed Session.** *Chair*
Public Employment Pursuant to Government Code Section 54957
Position: Air Pollution Control Officer
- 12. **Report From Closed Session.** *Chair*

ADJOURNMENT

- 13. **The next Board of Directors Meeting is scheduled for January 25, 2024, at 10:00 a.m. at the Butte County Association of Governments Board Room, 326 Huss Drive, Suite 100, Chico, California.** *Chair*

Questions, comments, and correspondence may be directed to:
Kelly Towne, Clerk of the Board
629 Entler Avenue, Suite 15
Chico, CA 95928
ktowne@bcaqmd.org or 530-332-9400 ext. 109





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Draft Minutes of the Butte County Air Quality Management District Governing Board of Directors Meeting of October 26, 2023

Members Present:

Tami Ritter	Supervisor, District 3
Tod Kimmelshue	Supervisor, District 4
Doug Teeter	Supervisor, District 5
Rose Tryon	Vice Mayor, Town of Paradise
Eric Smith	Vice Mayor, City of Oroville
Addison Winslow	Councilmember, Chico

Members Absent:

Peter Durfee	Supervisor, District 2
Chuck Nuchols	Vice Mayor, Biggs
Bill Connelly	Supervisor, District 1
Angel Calderon	Councilmember, Gridley

Staff Present:

Stephen Ertle	Air Pollution Control Officer (APCO)
Kelly Towne	Clerk of the Board
Aleah Ing	Administrative Services Officer (ASO)
Patrick Lucey	Assistant Air Pollution Control Officer

Remote Staff:

Jason Mandly	Senior Air Quality Planner
Samuel Nassie	Air Quality Compliance Specialist
David Campbell	Air Quality Compliance Specialist II

Due to the COVID-19 pandemic, members of the public are encouraged to attend the meeting using Zoom. Public comments were accepted before and during the meeting by emailing ktowne@bcaqmd.org.

1. **Call to Order and Roll Call.**

Chair Ritter called the meeting to order at 10:07 a.m. at the BCAG Board Room, 326 Huss Drive, Suite 100, Chico, California.

2. **Additions and Deletions to the Consent or Regular Agenda.**

No additions or deletions.

629 Entler Avenue, Suite 15 ♦ Chico, CA 95928

Agenda Item 3.1

3. Consent Agenda.

- 3.1 Minutes of the September 28, 2023 Meeting of the Board of Directors.
- 3.2 Activity Report on Butte County Air Quality Management District Activities.
- 3.3 Status Report on Calendar of Events.
- 3.4 Status Report on Communications.
- 3.5 CalPERS CCR 570.5 Compensation Schedule Update Effective Oct. 1, 2023

ACTION REQUESTED: Approve Consent Agenda Items.

Board comments: None

Public comments: None

A motion was made by Councilmember Winslow and seconded by Supervisor Kimmelshue to approve the Consent Agenda Items.

Motion carries by the following vote:

AYES: Supervisor Ritter, Supervisor Kimmelshue (Second), Supervisor Teeter, Councilmember Winslow(motion), Vice Mayor Tryon, and Vice Mayor Smith.

NOES: None.

ABSTAIN: None.

ABSENT: Supervisor Durfee, Councilmember Calderon, Supervisor Connelly, Vice Mayor Nuchols

ITEMS FOR ACTION

4. Items removed from the Consent Agenda for Board consideration and actions.

No items removed from the Consent Agenda.

5. Budget Amendments for FY 2022-23 & FY 2023-24

ACTION REQUESTED: Approve budget transfers and amendments for both FY 2022-23 and FY 2023-2024. The Budget Amendments report was presented by Administrative Services Officer, Aleah Ing.

Board Discussion: None

Public comments: None

A motion was made by Supervisor Kimmelshue and seconded by Vice Mayor Tryon to Approve budget transfers and amendments for both FY 2022-23 and FY 2023-2024.

Motion carries by the following vote:

AYES: Supervisor Ritter, Supervisor Kimmelshue(motion) , Supervisor Teeter, Councilmember Winslow, Vice Mayor Tryon(second), and Vice Mayor Smith

NOES: None.

ABSTAIN: None.

ABSENT: Supervisor Durfee, Councilmember Calderon, Supervisor Connelly, Vice Mayor Nuchols

6. FY 23-24 1st Quarter Grant Revenue Report

ACTION REQUESTED: Accept and file report.

The FY 23-24 1st Quarter Grant Revenue Report was presented by Stephen Ertle, Air Pollution Control Officer.

Board discussion: Board discussion ensued.

Public comments: None

A motion was made by Vice Mayor Tryon and seconded by Councilmember Winslow to accept and file the FY 23-24 1st Quarter Grant Revenue Report.

Motion carries by the following vote:

AYES: Supervisor Ritter, Supervisor Kimmelshue, Supervisor Teeter, Councilmember Winslow(second), Vice Mayor Tryon(motion), and Vice Mayor Smith

NOES: None.

ABSTAIN: None.

ABSENT: Supervisor Durfee, Councilmember Calderon, Supervisor Connelly, Vice Mayor Nuchols

7. Financial Status Report for Fiscal Year 2023-2024

ACTION REQUESTED: Accept and file report.

The Financial Status Report was presented by Aleah Ing, Administrative Services Officers.

Board discussion: None

Public comments: None

A motion was made by Councilmember Winslow and seconded by Vice Mayor Tryon to accept and file the Financial Status Report for Fiscal Year 2023-2024.

Motion carries by the following vote:

AYES: Supervisor Ritter, Supervisor Kimmelshue, Supervisor Teeter, Councilmember Winslow(motion), Vice Mayor Tryon (second) and Vice Mayor Smith.

NOES: None.

ABSTAIN: None.

ABSENT: Supervisor Durfee, Councilmember Calderon, Supervisor Connelly, Vice Mayor Nuchols

8. Hearing Board Re-Appointment

ACTION REQUESTED: Consider reappointment of Joshua Sheppard to a three (3) year term to expire October 26, 2026.

The Hearing Board Re-Appointment Resolution was presented by Kelly Towne, Clerk of the Governing Board.

Board discussion: Board Discussion ensued.
Public comments: None

A motion was made by Vice Mayor Smith and seconded by Supervisor Kimmelshue to reappoint Joshua Sheppard to a new three (3) year term on the BCAQMD Hearing Board expiring October 26, 2026.

Motion carries by the following vote:

AYES: Supervisor Ritter, Supervisor Kimmelshue(second), Supervisor Teeter, Vice Mayor Smith(motion), Councilmember Winslow, and Vice Mayor Tryon.
NOES: None.
ABSTAIN: None.
ABSENT: Supervisor Durfee, Councilmember Calderon, Supervisor Connelly, Vice Mayor Nuchols

9. Draft CEQA Handbook Update

ACTION REQUESTED: Receive report and provide feedback as needed.

The CEQA Handbook Update was presented by Jason Mandly, Senior Air Quality Planner.

Board Discussion: Board discussion ensued.
Public comments: None.

A motion was made by Vice Mayor Tryon and seconded by Vice Mayor Smith to receive the Draft CEQA Handbook report.

Motion carries by the following vote:

AYES: Supervisor Ritter, Supervisor Kimmelshue, Supervisor Teeter, Vice Mayor Smith(second), Councilmember Winslow, and Vice Mayor Tryon(Motion).
NOES: None.
ABSTAIN: None.
ABSENT: Supervisor Durfee, Councilmember Calderon, Supervisor Connelly, Vice Mayor Nuchols.

ITEMS FOR INFORMATION

10. Biannual AQ Report (April – September Ozone)

ACTION REQUESTED: None. This item is provided for information and discussion

The Biannual Air Quality Report was presented by Jason Mandly, Senior Air Quality Planner.

Board Discussion: Board Discussion ensued.
Public Comments: None

11. Other Business.

None.

12. **Public Comment Period.** Any person may address the Board of Directors on any matter within the jurisdiction of the Board that is not on the agenda for this meeting. Any person may address the Board on an agenda item when that time is called. The Chair requests that each person addressing the Board limits their presentation to five (5) minutes. No public comments.
14. **Adjourn to Closed Session.** No closed session was held.
15. **Report from Closed Session.** None
15. **The meeting adjourned at 10:48 a.m. The next Board of Directors Meeting is scheduled for December 7 , 2023 at 10:00 a.m. at the Butte County Association of Governments Board Room, 326 Huss Drive, Suite 100, Chico, California.**

Stephen Ertle, Air Pollution Control Officer
Butte County Air Quality Management District

I hereby attest that this is a true and correct copy of the action taken by the Butte County Air Quality Management District Board of Directors on October 26, 2023.

ATTEST: _____
Kelly Towne, Clerk of the Governing Board

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PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Stephen Ertle, Air Pollution Control Officer

Re: **Activity Report**

ISSUE:

Summary of District activities for calendar years 2021, 2022 and 2023 as of October 31, 2023.

ACTION REQUESTED:

Accept and file report.

Attachment:
2023 Activity Report

Agenda Item 3.2

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2023 Activity Report

Activity	2021	2022	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD ¹
Permits to Operate Issued/Renewed	788	813	51	66	44	63	151	61	95	49	52	61			693
Authority to Construct Permits Issued	46	50	8	2	1	4	2	5	1	10	1	2			36
Portable Equipment Registrations	22	34	1	2	1	2	3	1	2	4	4	2			22
Engine Registrations Issued/Renewed	30	261	0	0	0	0	0	0	0	0	0	0			0
Inspections Performed by Facility	115	496	40	36	32	23	50	25	22	21	21	40			310
Inspections Performed by Permits	193	658	35	50	40	30	77	42	27	29	25	49			404
Status Change Reports Received	45	3	1	4	0	0	4	17	11	15	14	8			74
Agricultural Burn Days ²	345	356	31	28	31	30	31	30	30	29	29	29			298
Agricultural No-Burn Days ²	20	9	0	0	0	0	0	0	1	2	1	2			6
Burn Permits Issued	845	750	62	79	62	82	80	45	26	79	74	35			624
Burn Notifications	4,332	5,152	291	451	191	437	393	429	376	376	362	372			3,678
Rice Fields Reported Harvested	341	375	0	0	0	1	0	0	0	0	115	276			392
Complaints Received	135	134	6	5	4	3	6	11	8	9	4	7			63
Notices of Noncompliance Issued	70	104	4	5	4	17	14	8	3	2	10	3			70
Notices to Comply Issued	13	23	0	0	0	0	1	1	1	1	0	0			4
Public Outreach	524	499	37	30	44	55	28	31	29	67	108	131			560
Environmental Documents Reviewed	2	5	0	1	0	0	0	0	0	0	0	0			1
Public Records Requests	X	64	1	1	3	3	1	4	4	6	1	4			28

¹ YTD = Year-to-date totals

² Burn Day Status reported below 3000' elevation

X=2022 First Year Reporting Public Records Requests

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Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Aleah Ing, Administrative Services Officer

Re: **Financial Status Report for Fiscal Year 2023-2024**

ISSUE:

Financial Status Report.

ACTION REQUESTED:

Accept and file report.

DISCUSSION:

The attached financial report summarizes the District's finances during the period of July 1, 2023 to October 31, 2023 and the Balance sheet for the period ending October 31, 2023. The District operated within overall budgeted revenue and expenses.

Attachment:

1-Fiscal Year 23-24 October Balance Sheet

2-Fiscal Year 23-24 October Revenue & Expense Report

Agenda Item 3.3

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Butte Co. Air Quality Management Dist.
Balance Sheet
As of October 31, 2023

October 31, 2023

ASSETS

Current Assets

Checking/Savings

1002 · Cash on Hand - Change Box	200.00
1003 · Bank of America - General-0648	234,755.73
1004 · Bank of America - Payroll-0649	42,242.41
1007 · B of A Reserve Acct - 1789	329,666.15
1010 · B of A - 0980 (Grant 1)	246,788.56
1011 · Tri Counties - Carl Moyer 2618	670,806.50
1012 · Tri Counties - FARMER - 6831	1,544,993.20
1013 · Tri Counties - CAP-6855	1,509,541.42
1017 · Tri Counties - AB 617-6818	100,375.34
1018 · State LAIF Acct	1,235,590.98

Total Checking/Savings	5,914,960.29
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Accounts Receivable

1200 · Accounts Receivable	-319.81
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Total Accounts Receivable	-319.81
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Other Current Assets

1102 · Due From Other Governments	479,714.17
1500 · Undeposited Funds	3,923.15

Total Other Current Assets	483,637.32
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Total Current Assets	6,398,277.80
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TOTAL ASSETS

6,398,277.80

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

2000 · Accounts Payable	102,990.10
2001 · A/P - Grantees	2,543,781.23

Total Accounts Payable	2,646,771.33
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Credit Cards

2400 · Credit Cards	
2401 · Valero -7182	229.46

Total 2400 · Credit Cards	229.46
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Total Credit Cards	229.46
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Other Current Liabilities

2100 · Accrual Payroll & Benefits	
210004 · HI 125	664.20
210011 · PERS Survivor Benefits	3.45
210013 · MED FLEX	524.13

Total 2100 · Accrual Payroll & Benefits	1,191.78
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	October 31, 2023
2107 · Unearned Revenue	
210904 · FARMER	343,757.91
210906 · Carl Moyer	63,058.84
210910 · Community (CAP)	386,487.02
210912 · WoodSmoke	23,452.00
210914 · AB 617	99,768.54
Total 2107 · Unearned Revenue	<u>916,524.31</u>
2109 · Unavailable Revenue	<u>283,533.96</u>
Total Other Current Liabilities	<u>1,201,250.05</u>
Total Current Liabilities	<u>3,848,250.84</u>
Total Liabilities	<u>3,848,250.84</u>
Equity	
3100 · Reserves	329,626.07
3200 · Restricted Fund	
3003 · Reserved for Encumbrances	8,300.00
3004 · Carl Moyer Program	242,163.66
3005 · Reserved FARMER Prgm	105,978.15
3009 · Woodsmoke Grant	221,798.00
3012 · Community (CAP)	1,455,418.23
Total 3200 · Restricted Fund	<u>2,033,658.04</u>
3900 · Retained Earnings	1,103,330.86
Net Income	-916,588.01
Total Equity	<u>2,550,026.96</u>
TOTAL LIABILITIES & EQUITY	<u><u>6,398,277.80</u></u>

***Note: Changes may occur due to year end journals and audit adjustments related to FY 2022-23.**

Butte Co. Air Quality Management Dist.
Profit & Loss Budget vs. Actual
 July - October 2023 -33.33% of the Year

Accrual Basis

	Jul - Oct 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
421 · License and Permits				
4213010 · Ag Burn Permits	27,729.62	91,000.00	-63,270.38	30.47%
4213013 · Ag Engine Registration Program	0.00	350.00	-350.00	0.0%
4213020 · Title V Permits	4,564.28	4,500.00	64.28	101.43%
4213030 · Operating Permits	109,048.98	345,000.00	-235,951.02	31.61%
4213035 · Portable Engine Registration	2,366.92	39,500.00	-37,133.08	5.99%
4213038 · Asbestos Program	0.00	5,000.00	-5,000.00	0.0%
4213040 · Auth to Construct	11,492.74	29,000.00	-17,507.26	39.63%
4213060 · Misc. Other Permits	0.00	600.00	-600.00	0.0%
Total 421 · License and Permits	155,202.54	514,950.00	-359,747.46	30.14%
430 · Fines, Forfeitures & Penalties				
4300001 · Civil Settlements	32,235.52	24,000.00	8,235.52	134.32%
Total 430 · Fines, Forfeitures & Penalties	32,235.52	24,000.00	8,235.52	134.32%
441 · Interest Income	6,061.07	2,000.00	4,061.07	303.05%
451 · Intergovernmental				
45000 · Governmental Funds				
4500001 · State Subvention	0.00	55,200.00	-55,200.00	0.0%
4511001 · DMV Surcharge	252,508.92	740,000.00	-487,491.08	34.12%
Total 45000 · Governmental Funds	252,508.92	795,200.00	-542,691.08	31.75%
45105 · Direct Grant Funds				
4510500 · AB 2588 Hot Spots Fee	0.00	134.00	-134.00	0.0%
4510501 · 105 Pilot Project Grant Funding	0.00	60,546.00	-60,546.00	0.0%
4510502 · AB 197 Funding	0.00	8,583.00	-8,583.00	0.0%
4510503 · AB 617 Funding	2,123.45	87,997.90	-85,874.45	2.41%
4510504 · Prescribed Fire Grant	498.58	32,700.00	-32,201.42	1.53%
4510505 · GHG Oil & Gas Funding	0.00	6,000.00	-6,000.00	0.0%
Total 45105 · Direct Grant Funds	2,622.03	195,960.90	-193,338.87	1.34%
45109 · Pass Through Grants				
4510904 · FARMER Funding	0.00	0.00	0.00	0.0%
4510906 · Carl Moyer Grant	386,315.20	438,375.00	-52,059.80	88.12%
4510915 · Community Air Program (CAP)	1,182,572.85	1,216,360.65	-33,787.80	97.22%
Total 45109 · Pass Through Grants	1,568,888.05	1,654,735.65	-85,847.60	94.81%
Total 451 · Intergovernmental	1,824,019.00	2,645,896.55	-821,877.55	68.94%
471 · Miscellaneous Revenue				
4712523 · Other Misc. Revenue	13,277.64	24,395.00	-11,117.36	54.43%
4712550 · Implementation Funds	31,694.48	863,437.41	-831,742.93	3.67%
Total 471 · Miscellaneous Revenue	44,972.12	887,832.41	-842,860.29	5.07%
Total Income	2,062,490.25	4,074,678.96	-2,012,188.71	50.62%
Gross Profit	2,062,490.25	4,074,678.96	-2,012,188.71	50.62%
Expense				
511 · Payroll Expenses				
511001 · Salaries & Wages	243,082.88	901,250.00	-658,167.12	26.97%
512000 · Extra Help	0.00	16,000.00	-16,000.00	0.0%
514000 · Overtime	0.00	4,000.00	-4,000.00	0.0%
518 · Employee Benefits				
518008 · Health Care	77,601.12	233,457.00	-155,855.88	33.24%
518009 · Cafeteria	12,023.40	41,100.00	-29,076.60	29.25%
518010 · Other Employee Benefits	8,882.37	22,378.00	-13,495.63	39.69%
518700 · Retirement Pension	42,151.41	144,085.86	-101,934.45	29.25%
518800 · Contrib to Pension Liability	130,886.00	135,390.00	-4,504.00	96.67%
518900 · Retiree's OPEB	15,250.15	36,601.00	-21,350.85	41.67%
518901 · Contrib to OPEB Liability	0.00	19,795.00	-19,795.00	0.0%
Total 518 · Employee Benefits	286,794.45	632,806.86	-346,012.41	45.32%
Total 511 · Payroll Expenses	529,877.33	1,554,056.86	-1,024,179.53	34.1%
520 · Materials & Supplies				
521104 · Postage	1,024.00	3,500.00	-2,476.00	29.26%
522201 · Office Supplies	4,169.96	9,500.00	-5,330.04	43.89%
523001 · Telecommunications	4,804.75	16,000.00	-11,195.25	30.03%

	Jul - Oct 23	Budget	\$ Over Budget	% of Budget
524544 · Utilities - Elec/Gas/Wtr/Grbge	2,536.49	8,720.00	-6,183.51	29.09%
525545 · Auto Fuel Costs/ Road Expense	2,052.49	6,500.00	-4,447.51	31.58%
Total 520 · Materials & Supplies	14,587.69	44,220.00	-29,632.31	32.99%
530 · Services & Other Operating				
531201 · Household Janitorial	1,857.00	5,700.00	-3,843.00	32.58%
532527 · Insurance -Liability & Vehicle	13,974.47	16,872.00	-2,897.53	82.83%
533533 · Memberships, Dues & Subscript..	2,653.00	6,000.00	-3,347.00	44.22%
534537 · Public & Legal Notices	795.48	3,500.00	-2,704.52	22.73%
535540 · Public Outreach	0.00	13,700.00	-13,700.00	0.0%
536101 · Training	1,149.00	10,500.00	-9,351.00	10.94%
537202 · Travel & Conference Expenses	3,695.39	30,030.00	-26,334.61	12.31%
Total 530 · Services & Other Operating	24,124.34	86,302.00	-62,177.66	27.95%
540 · Rents Lease, Repair, NonCapital				
541538 · Property Rents & Leases	23,400.00	56,460.00	-33,060.00	41.45%
542539 · Equipment Rents & Leases	183.06	740.00	-556.94	24.74%
543103 · Office Furniture & Equip	0.00	3,300.00	-3,300.00	0.0%
543203 · Computer Equipment	8,542.94	12,500.00	-3,957.06	68.34%
543204 · Computer Software-Subscriptions	7,202.55	30,900.00	-23,697.45	23.31%
543541 · Air Monitoring Equipment & Main	0.00	5,735.00	-5,735.00	0.0%
544001 · Vehicles Maintenance	613.31	4,960.00	-4,346.69	12.37%
544042 · IT Maintenance	8,292.46	35,100.00	-26,807.54	23.63%
544103 · Building Maintenance	1,965.25	15,225.00	-13,259.75	12.91%
Total 540 · Rents Lease, Repair, NonCapital	50,199.57	164,920.00	-114,720.43	30.44%
550 · Professional/Consulting Service				
551137 · AB2588 Hot Spots Fee	0.00	134.00	-134.00	0.0%
551536 · Professional Services	15,293.35	66,200.00	-50,906.65	23.1%
551547 · Legal Services	6,000.00	18,500.00	-12,500.00	32.43%
555580 · Contingencies	0.00	20,000.00	-20,000.00	0.0%
Total 550 · Professional/Consulting Service	21,293.35	104,834.00	-83,540.65	20.31%
560 · Grants				
560006 · Carl Moyer Grant	154,063.97	677,974.23	-523,910.26	22.72%
560007 · Community Air (CAP)	243,410.13	1,566,115.86	-1,322,705.73	15.54%
560009 · WoodSmoke Grant	0.00	0.00	0.00	0.0%
560020 · Special Clean Air Grants	0.00	35,000.00	-35,000.00	0.0%
560021 · FARMER	135,242.04	340,232.53	-204,990.49	39.75%
Total 560 · Grants	532,716.14	2,619,322.62	-2,086,606.48	20.34%
570 · Capital Outlay				
571105 · Buildings & Improvements	0.00	0.00	0.00	0.0%
573105 · Vehicles -Fixed Asset Inventory	0.00	0.00	0.00	0.0%
Total 570 · Capital Outlay	0.00	0.00	0.00	0.0%
Total Expense	1,172,798.42	4,573,655.48	-3,400,857.06	25.64%
Net Ordinary Income	889,691.83	-498,976.52	1,388,668.35	-178.3%
Net Income	889,691.83	-498,976.52	1,388,668.35	-178.3%
Total 560 · Grants	2,952,182.08	3,575,702.44	-623,520.36	82.56%
565 · Debt Service				
565087 · GASB 87 Lease Principal	17,638.25	53,035.00	-35,396.75	33.26%
565987 · GASB 87 Lease Interest & Other	961.75	2,521.00	-1,559.25	38.15%
Total 565 · Debt Service	18,600.00	55,556.00	-36,956.00	33.48%
Total Expense	3,138,037.12	4,366,600.67	-1,228,563.55	71.87%
Net Ordinary Income	-3,126,013.72	-4,325,500.67	1,199,486.95	72.27%
Net Income	-3,126,013.72	-4,325,500.67	1,199,486.95	72.27%

The FY 23-24 Budget was adopted 6/22/2023; Amended 10/26/2023



TAMI RITTER, CHAIR
Supervisor, District #3

ANGEL CALDERON, VICE CHAIR
Councilmember, Gridley

BILL CONNELLY
Supervisor, District #1

PETER DURFEE
Supervisor, District #2

TOD KIMMELSHUE
Supervisor, District #4

DOUG TEETER
Supervisor, District #5

CHUCK NUCHOLS
Vice Mayor, Biggs

ADDISON WINSLOW
Councilmember, Chico

ERIC SMITH
Vice Mayor, Oroville

ROSE TRYON
Vice Mayor, Paradise

STEPHEN ERTLE
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023
Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors
From: Stephen Ertle, Air Pollution Control Officer
Staff Contact: Stephen Ertle, Air Pollution Control Officer
Re: **Calendar of Events**

DATE	EVENT	LOCATION
December 13	CAPCOA Board Meeting	Sacramento
December 14	CAPCOA Legislative Committee Meeting	Sacramento
December 15	CA Wildfire & Forest Resilience Task Force Meeting	Sacramento
December 20	Technical Advisory Committee (TAC)	Chico
December 21	CAPCOA Monitoring Committee	Zoom
December 25	District Office Closed – Christmas Holiday	Chico
January 1	District Office Closed – New Years Holiday	Chico
January 2-5	CAPCOA Winter Board Retreat	San Diego
January 3	Fire Safe Council Meeting	Paradise
January 11	QEEPs	Chico
January 15	District Office Closed – Martin Luther King, Jr Day	Chico
January 17	Technical Advisory Committee (TAC)	Redding
January 25	Butte County AQMD Board Meeting	Chico
February 2	Sacramento Valley BCC	Redding
February 7	Fire Safe Council Meeting	Paradise
February 14	CAPCOA Board Meeting	Sacramento
February 15	CAPCOA Legislative Committee Meeting	Sacramento
February 19	District Office Closed – Presidents Day	Chico
February 21	Technical Advisory Committee (TAC)	Auburn
February 22	Butte County AQMD Board Meeting	Chico

Agenda Item 3.4

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Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Kelly Towne, Board Clerk

Re: **Status Report on Communications**

ISSUE:

Status Report on Communications with Board Members

DISCUSSION:

No communications with Board Members during the period between October 19 and November 30.

ACTION REQUESTED:

None. For information only.

Agenda Item 3.5

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TAMI RITTER, CHAIR
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STEPHEN ERTLE
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023
Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors
From: Stephen Ertle, Air Pollution Control Officer
Staff Contact: Kelly Towne, Clerk of the Board
Re: **Meeting Schedule for 2024.**

ISSUE:

Board meeting schedule for 2024.

ACTION REQUESTED:

Consider approving the proposed schedule.

DISCUSSION:

The following dates, location, and time are proposed for 2024 Regular Meetings of the Governing Board. Dates have been coordinated with Butte County Association of Governments (BCAG). Meetings are generally held the fourth (4th) Thursday of the month* at the BCAG Board Room, 326 Huss Drive, Suite 100, Chico, at 10:00 a.m.

The proposed 2024 schedule is as follows:

January 25	BCAG Board Room	July 25	BCAG Board Room
February 22	BCAG Board Room	August 22	BCAG Board Room
March 28	BCAG Board Room	September 26	BCAG Board Room
April 25	BCAG Board Room	October 24	BCAG Board Room
May 23	BCAG Board Room	November	No meeting
June 27	BCAG Board Room	December 12*	BCAG Board Room

*December meeting second Thursday after Thanksgiving

Cc: Jon Clark, BCAG
Administrative Assistants

Agenda Item 3.6

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TAMI RITTER, CHAIR
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Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Stephen Ertle, Air Pollution Control Officer

Re: **2024 Rule Adoption Schedule**

ISSUE:

Update on Rule Adoption Schedule.

ACTION REQUESTED:

Accept and file.

DISCUSSION:

Attached is a listing of new and amended rules scheduled for Board consideration in calendar year 2024. The adoption dates listed are intended to be target dates only and may be amended based on changing priorities. The attached Rule Adoption Schedule gives the initials of the assigned staff as noted below:

PL – Patrick Lucey

JM – Jason Mandly

UP – Ursula Parker

Attachment:

2024 Rule Adoption Schedule

Agenda Item 3.7

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Butte County AQMD 2024 Rule Adoption Schedule

Rule	Rule Number	Staff Assigned	Release Date for Proposed Rule	Workshop Dates (30 day review)	Public Adoption Hearing	Required By	Comments	
Graphic Arts	242	PL	TBD	TBD	TBD	AP	Awaiting BCC Action	
Requirements for Vehicle and Mobile Equipment Coating Operations	235	PL	TBD	TBD	TBD	AP		
Regulation III Amendment - Burning Transported Material	TBD	UP	TBD	TBD	TBD			
Wood Burning Devices	207	JM	TBD	TBD	TBD		Updates RE: 2015 NSPS	
Emission Reduction Credits (ERCs) Community Bank Revisions	TBD	PL	TBD	TBD	TBD		Composting Operations	
Regulation V Amendments - Fee Rules	TBD	SE/PL	TBD	TBD	TBD	District Policy	Program cost recovery deficits	
BCAQMD CEQA Handbook Update	N/A	JM	Fall/Winter 23/24	TBD	Spring 24			
Notes: AP = Attainment Plan	NESHAPS = National Emission Standards for Hazardous Air Pollutants							
TBD = To Be Determined	NSPS = New Source Performance Standards							
HSC = California Health and Safety Code								

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Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Jason Mandly, Senior Air Quality Planner

Re: **Carl Moyer Year 26 Application Resolution 2023-20**

ISSUE:

Staff requests the Board approve the Carl Moyer FY 2023-2024 (Year 26) Grant Application.

ACTION REQUESTED:

Adopt proposed Resolution 2023-20 approving the Carl Moyer FY 2023-2024 Grant Application.

DISCUSSION:

The Carl Moyer Program was established in 1998, as a grant program to fund the incremental cost of cleaner-than-required heavy-duty engines that emit less Oxides of Nitrogen (NOx), Particulate Matter (PM), and Reactive Organic Gases (ROG) emissions. The California Air Resources Board (CARB) provides administration and guidance for the program through their Program Guidelines. The District implements the program, locally, with direction from the Governing Board approved Policies and Procedures Manual.

Projects currently eligible for funding through the Carl Moyer Program include off-road diesel equipment such as tractors, large spark-ignited equipment, a limited number of stationary agricultural engines, school buses, and infrastructure for zero-emission charging and fueling. Cost-effectiveness caps and state regulations may limit certain projects.

District staff request approval of the application to CARB for a total program allocation of \$200,000 in State Carl Moyer Program Year 26 funds. Staff submitted a completed application to CARB in time to meet the application deadline. This resolution will finalize application requirements.

Agenda Item 3.8

Attachments:

Resolution 2023-20 Approval of Carl Moyer FY 2023-2024 Application

Carl Moyer FY 2023-2024 Application

Solicitation Memo

ATTACHMENT 2: CARL MOYER PROGRAM APPLICATION

MSCD/ITAB-099 (REV. 12/2020) PAGE 1 OF 3

The California Air Resources Board must receive this application by the due date specified in the Solicitation Memo <https://ww2.arb.ca.gov/administrative-forms-carl-moyer-program-community-air-protection-incentives>.

Send the Air District's signed application to MSCD Grants at MSCDGrants@arb.ca.gov.

SECTION 1: APPLICANT AIR DISTRICT

Air District Name: Butte County Air Quality Management District	
Street Address: 629 Entler Avenue Suite 15	City/Zip Code: Chico / 95928
Contact Person: Jason Mandly	Telephone Number: 530-332-9400 x108
E-mail: jmandly@bcaqmd.org	
The address provided above matches the address provided on the Air District's Data Record Form (STD 204) or Government Agency Tax Payer ID Form	
<input checked="" type="checkbox"/> Yes	
<input type="checkbox"/> If no, the Air District will be submitting a corrected STD. 204 or Government Agency Tax Payer ID Form to CARB.	

SECTION 2: AIR DISTRICT REQUEST OF CARL MOYER PROGRAM FUNDING

Moyer Year: 26	Fiscal Year: 2023-2024
-------------------	---------------------------

Check one box and enter the dollar amount (if applicable).

<input type="checkbox"/> Tentative allocation ("Total Allocation" amount from Attachment 1):	\$	
<input type="checkbox"/> Greater amount than tentative allocation, if available:	\$	
Sum of tentative allocation plus greater amount:	\$	
<input checked="" type="checkbox"/> Minimum allocation of \$200,000 (no match required).		
<input type="checkbox"/> Minimum allocation and authorizes the funds be designated to the Rural District Assistance Program (RAP) for the current fiscal year.		
<input type="checkbox"/> Tentative allocation and authorizes the funds be designated to a lead air district for the current fiscal year.		
Identify the lead air district:		
<input type="checkbox"/> No Carl Moyer Program funds. Air District declines all funding for this fiscal year.		

ATTACHMENT 2: CARL MOYER PROGRAM APPLICATION

**SECTION 3: AIR DISTRICT MATCHING FUNDS
 (15% OF FUNDING REQUEST, FOR APPLICATIONS OVER \$200,000)**

The Total Air District Match is based on the:

Tentative allocation

Request Allocation (Tentative allocation plus greater amount)

Other

Total Air District Match:
 N/A

Specify match funding by Source and Amount:

Source of Funding	Dollar Amount
N/A	N/A

Match Funds Subtotal:
 N/A

Estimated In-Kind Administration: (Up to 15% of Total District Match)
 N/A

SECTION 4: PROGRAM ADMINISTRATION

Check the box with the percentage for program administration that best applies to the Air District. If the Air District wishes to request a program administration grant percentage lower than the 6.25% or 12.5% allowed under statute (H&SC § 44299.1) check last box and enter the percentage.

6.25% (Air District with one million or more inhabitants)

12.5% (Air District under one million inhabitants)

The Air District requests program administration funds be included in this grant at a lower portion than allowed by statute.
 Percent of the total grant:

ATTACHMENT 2: CARL MOYER PROGRAM APPLICATION
 MSCD/ITAB-099 (REV. 12/2020) PAGE 3 OF 3

SECTION 5: BOARD RESOLUTION

Check one box and complete the date (if applicable).


<input type="checkbox"/> This application has been duly approved and authorized by the Air District governing board, as specified in the attached resolution.
<input checked="" type="checkbox"/> This application is scheduled to go before the Air District Board. Date scheduled to go before the Air District Board: 12/7/2023

SECTION 6: AIR DISTRICT CONTACT INFORMATION

Air District Air Pollution Control Officer	Telephone Number	Email Address
Stephen Ertle	530-332-9400 x113	sertle@bcaqmd.org
Air District Carl Moyer Program Manager	Telephone Number	Email Address
Jason Mandly	530-332-9400 x108	jmandly@bcaqmd.org

SECTION 7: AIR DISTRICT APCO/EO APPROVED SIGNATURE

To the best of my knowledge and belief, the information in this application is true and correct. Unless my Air district has declined or designated these grant funds, an up-to-date Carl Moyer Program District Policies and Procedures Manual, based on current Carl Moyer Program Guidelines, is maintained at the Air District's office.

Signature of Air Pollution Control Officer: 	Date of Signature: 10/26/2023
--	----------------------------------

To: Air Pollution Control Officers

From: Maritess Sicat
Branch Chief
Mobile Source Control Division

Date: October 13, 2023

Subject: SOLICITATION FOR APPLICATIONS TO RECEIVE FUNDING FROM THE CARL MOYER MEMORIAL AIR QUALITY STANDARDS ATTAINMENT PROGRAM: FISCAL YEAR (FY) - 2023-2024 (YEAR 26) FUNDS - APPLICATIONS DUE TUESDAY, NOVEMBER 14, 2023.

This memo solicits applications for FY 2023-2024 (Year 26) grants from the Carl Moyer Memorial Air Quality Standards Attainment Program (Carl Moyer Program). All California Air Pollution Control and Air Quality Management Districts may apply for these grants funded by smog abatement and tire fees.

For Year 26, the California Air Resources Board (CARB) estimates, based on authority and projected Carl Moyer Program district project and administration funds for FY 2023-2024, approximately \$123 million will be available for grants to districts under regular Carl Moyer Program and State Reserve funds. The tentative allocation of regular Carl Moyer Program funds reflects updated information on air district populations and air pollution severity under the requirements of Health and Safety Code section 44299.2. The share of district funds available for Carl Moyer Program administration reflects current statutory allowances. A district may, however, request a lower administrative portion and retain the difference in project funds.

A response to the solicitation notice must be received by Tuesday, November 14, 2023 and should include the completed and signed application. Attached to this notice is the tentative allocation table and application form. The solicitation package includes attachments that you will need to complete your application:

- Attachment 1 provides districts' tentative funding allocations for regular Carl Moyer Program funds.
- Attachment 2 is the solicitation application form. Districts must complete and return this form to receive or designate funds. (<https://ww2.arb.ca.gov/administrative-forms-carl-moyer-program-community-air-protection-incentives>)

Tentative and Final Grant Amounts

Attachment 1 provides the tentative grant amounts available by district and the corresponding match commitment. **Note that these tentative allocations are based on a preliminary estimate of revenues for the Carl Moyer Program and should not be used in board resolutions.** Final allocations will be calculated by applying the formula described in Health and Safety Code section 44299.2, with consideration of the final revenue (estimate expected in November-December 2023), the number of districts that apply and funds requested.

Match Requirement

A district's match requirement is 15 percent of its allocation, except those districts requesting the minimum allocation of \$200,000, which are exempt from a match requirement. A district may apply for more than the tentative allocation, with a matching funds commitment of 15 percent. If you need assistance with determining your match requirement, you may contact your Carl Moyer Program liaison or Ms. Deborah Paselk using the contact information at the end of this memorandum.

Designations

A district may choose to designate the minimum allocation to the Rural District Assistance Program (RAP), or its tentative allocation to a lead air district. The district may make these designations in the application, for the current Year 26.

In responding to this solicitation, districts may take one of the following actions:

- 1. Accept your grant award and request a reservation of funds equal to or greater than your tentative allocation, or accept an amount less than your grant award and request a reservation of funds for the amount desired.**

To participate in the Carl Moyer Program, accept the grant award, and reserve an allocation, districts must submit the following:

- Application - A completed application form signed and dated by the district's Air Pollution Control Officer or authorized designee. Please complete all applicable sections of the application, even if the district requests a lower administration portion of the total grant.

If requesting additional funds, beyond your tentative allocation, or accepting an amount less than your tentative allocation but greater than the minimum (\$200,000), please use Section 2, second row. If the amount will be less than your tentative allocation, please indicate this on your district's email to CARB with a cc to your Carl Moyer Program liaison.

- District Board Resolution/Board Minute Order (BMO) - The district board resolution/BMO must commit to participate in the Carl Moyer Program, accept Carl Moyer Program funds, and follow the requirements of the Carl Moyer Program. Because allocations in Attachment 1 are tentative and final allocations will differ, the resolution/BMO should not specify an exact grant amount unless district board policy requires it, in which case a not-to-exceed figure should be used. A district resolution/BMO should accompany the signed application. If a district is unable to provide a resolution/BMO at the time of application, the district must indicate on the application the scheduled board date, while considering any applicable timing mentioned in the Moyer Guidelines. Should a district require a model resolution, please contact your Carl Moyer Program liaison for additional assistance.
- District Match Funds - Districts can meet the 15 percent match obligation through local funds tied to a combination of (1) already committed projects not used as match for a previous grant, (2) future projects, and (3) contribution of in-kind administration limited to not more than 15 percent of the total match commitment. All projects used to meet match requirements must be eligible under current Carl Moyer Program guidelines. Already committed match projects must be entered or uploaded to the Carl Moyer Program Clean Air Reporting Log (CARL) by the application deadline.
- Policies and Procedures Manual - In signing the application the district Air Pollution Control Officer or designee confirms that an up-to-date district Carl Moyer Program Policies and Procedures Manual is maintained at the district's office. The manual or recent changes to it need not be submitted with the application but should be made available for review upon request.

2. Designate your tentative allocation to a lead district, or your minimum allocation of \$200,000 to RAP.

Districts opting to designate funds to a lead district or RAP must submit the following:

- Application - An original application form signed and dated by the district's Air Pollution Control Officer or authorized designee. Please complete Sections 1, 2, 5, 6, and 7.
- District Board Resolution/BMO - A district board resolution to authorize designation of Moyer Program funds to a lead district or the Rural Assistance Program for the year you have specified in your application. A district

resolution/BMO should accompany the signed application. If a district is unable to provide a resolution/BMO at the time of application, the district must indicate on the application the scheduled board date, while considering any applicable timing mentioned in the Moyer Guidelines. Should a district require a model resolution, please contact your Carl Moyer Program liaison for additional assistance.

3. Decline the Funds

- Districts that choose not to participate in the Carl Moyer Program for Year 26 are asked to complete sections 1, 2, and 7 of the application form, including signature by the Air Pollution Control Officer.

Please send your completed application by e-mail to MSCDGrants@arb.ca.gov. CARB will assume a district has declined Year 26 funds if an application is not submitted to CARB by Tuesday, November 14, 2023 and has not previously designated funds.

The Carl Moyer Program 2017 Guidelines are available electronically at <http://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>; see Sections B and C of Chapter 3 for guidelines related to the solicitation and application. For questions about the application process, please contact your Carl Moyer Program liaison or Ms. Deborah Paselk, Moyer Administration Lead, via email at Deborah.Paselk@arb.ca.gov.

Sincerely,

Maritess Sicat

Maritess Sicat, Branch Chief
Mobile Source Control Division

Enclosures

cc: See next page.

cc: Tung Le
Executive Director
California Air Pollution Control Officers Association
1107 Ninth Street, Suite 801
Sacramento, California 95814

Deborah Paselk
Air Pollution Specialist - Moyer Administration Lead
Mobile Source Control Division

Grant Processing Section
Mobile Source Control Division

**RESOLUTION 2023-20
BEFORE THE BOARD OF DIRECTORS OF
BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT
STATE OF CALIFORNIA
APPROVAL OF CARL MOYER APPLICATION YEAR 26 FOR FISCAL YEAR 2023-2024**

Resolution 2023-20)
Approval Of Carl Moyer Application Year 26)

WHEREAS, California Health and Safety Code Sections 44275-44299.2 authorize the California Air Resources Board to allocate Carl Moyer Program funds to local air quality districts to provide financial incentives to both the public and private sectors to implement eligible projects to reduce emissions from on-road, marine, locomotive, agricultural, and off-road engines;

AND WHEREAS, the District has participated in the Carl Moyer Program since 2000, providing additional grant opportunities to businesses in Butte County to voluntarily reduce diesel exhaust emissions;

AND WHEREAS, the District staff requests to submit an application to California Air Resources Board for the total allocation of \$200,000 in State Carl Moyer Memorial Air Quality Standards Attainment Program Funding for Year 26 Fiscal Year 2023-24;

AND WHEREAS, the District will implement the Carl Moyer Heavy-Duty Low Emission Vehicle Incentive Program in accordance to Health and Safety Code Sections 44286, 44275, 44280-44288, 44290, and 44295-44297, the applicable Carl Moyer Program Guidelines, and the District's Carl Moyer Program Policies and Procedures;

AND WHEREAS, the Butte County Air Quality Management District Board most recently approved the Carl Moyer Program Policies and Procedures Manual on December 8, 2022;

BE IT FURTHER RESOLVED, that the Board authorizes the acceptance of any supplemental Carl Moyer funds that may become available from other Districts, or awarded under the Rural District Assistance Program, Carl Moyer State Reserve, as well as any other Carl Moyer funds;

BE IT FURTHER RESOLVED, that the Board authorizes amendment of the District's approved budget to reflect the acceptance of additional grant funds if necessary;

BE IT FURTHER RESOLVED, that the Butte County Air Quality Management District Board hereby authorizes the Air Pollution Control Officer, subject to review by District Counsel, to make such minor modifications in the sample agreement, applications and program information in the policies and procedures manual as may be necessary from time to time to ensure the smooth and efficient operation of the Carl Moyer Memorial Air Quality Standards Attainment Program and to comply with State requirements.

THEREFORE, BE IT RESOLVED, that the Butte County Air Quality Management District Board hereby approves the Carl Moyer Application Year 26 for Fiscal Year 2023-2024.

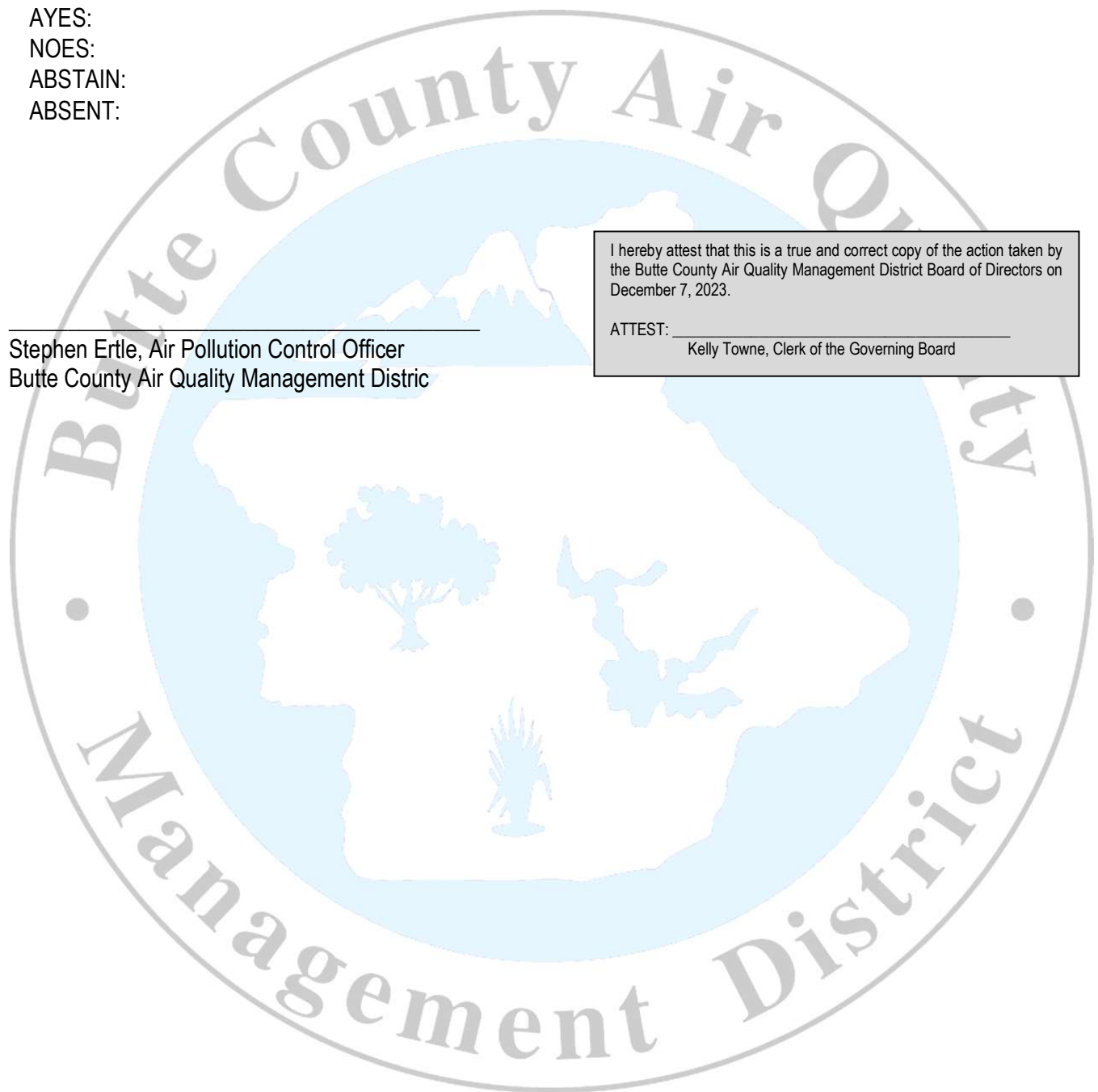
On Motion of _____, Seconded by _____, the foregoing resolution is hereby PASSED AND ADOPTED by the Air Quality Management District Board of Directors on this 7th day of December, 2023 by the following:

AYES:
NOES:
ABSTAIN:
ABSENT:

Stephen Ertle, Air Pollution Control Officer
Butte County Air Quality Management District

I hereby attest that this is a true and correct copy of the action taken by the Butte County Air Quality Management District Board of Directors on December 7, 2023.

ATTEST: _____
Kelly Towne, Clerk of the Governing Board





TAMI RITTER, CHAIR
Supervisor, District #3

ANGEL CALDERON, VICE CHAIR
Councilmember, Gridley

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STEPHEN ERTL
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Jason Mandly, Senior Air Quality Planner

Re: **Community Air Protection Incentives FY2023-2024 Funds - Resolution 2023-21**

ISSUE:

Staff requests the Board approve participating in Community Air Protection (CAP) Incentives Fiscal Year 2023-2024 (Year 7)

ACTION REQUESTED:

Adopt Resolution 2023-21 to receive funding and authorize the Air Pollution Control Officer to enter into an agreement with CARB for the program.

DISCUSSION:

The California Air Resources Board (CARB) is allocating funds from the Greenhouse Gas Reduction Fund (GGRF) to support incentive projects that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of Assembly Bill (AB) 617 (Chapter 254, Statutes of 2017).

The District is allocated \$1,105,782.00 (\$967,559.27 in project funds and \$138,222.73 in implementation funds) for the FY 2023-2024 CAP Incentives program. 25% of total allocated funds are restricted by CARB pending the 4th cap and trade auction in FY 2023-2024. The District will use a public process in 2024 to select projects eligible under the State CAP Incentives Guidelines and the District's CAP Incentives Policies and Procedures Manual. Per the grant agreement with CARB, 70% of FY 2023-2024 project funds will support projects in SB 585 Disadvantaged Communities and 80% of FY 2023-2024 project funds will support projects in AB 1550 Low Income Communities.

CARB required signed grant agreements by November 20, 2023. Attached is the agreement cover page signed by the APCO.

Agenda Item 3.9

Attachments:

Resolution 2023-21: Approve FY 2023-2024 CAP Incentives Funds

FY 2023-2024 CAP Incentives Agreement Cover Page – signed

GRANT AGREEMENT COVER SHEET

GRANT NUMBER G23-MCAP-03

NAME OF GRANT PROGRAM Community Air Protection Incentives – CAP Year 7 (Fiscal Year 23/24)	
GRANTEE NAME Butte County Air Quality Management District	
TAXPAYER'S FEDERAL EMPLOYER IDENTIFICATION NUMBER 91-1765957	TOTAL GRANT AMOUNT NOT TO EXCEED \$1,105,782.00
START DATE: 11/28/2023	END DATE: 6/30/2028

This legally binding Grant Agreement, including this cover sheet and Exhibits attached hereto and incorporated by reference herein, is made and executed between the State of California, California Air Resources Board (CARB) and Butte County Air Quality Management District (the "Grantee").


Project Funds – \$967,559.27
 Implementation Funds –\$138,222.73
 Total Grant Award – \$1,105,782.00
 SB 535 Funding Target – \$677,291.49
 AB1550 Funding Target – \$774,047.42

Exhibit A – General Terms and Conditions

In accordance with Assembly Bill (AB) 102, section 15.14, 25 percent of the Fiscal Year 2023-2024 CAP GGRF funds allocated under this grant shall be withheld. Upon determination of the final amount of auction proceeds after the fourth cap and trade auction and approval from the Department of Finance (DOF), the remaining funds may be encumbered and available for use. A formal amendment may not be required to encumber and liquidate the remaining funds.

This Agreement is of no force or effect until signed by both parties. Grantee shall not commence performance until it receives written approval from CARB.

The undersigned certifies under penalty of perjury that they are duly authorized to bind the parties to this Grant Agreement.

STATE AGENCY NAME California Air Resources Board		GRANTEE'S NAME (PRINT OR TYPE) Butte County Air Quality Management District	
SIGNATURE OF ARB'S AUTHORIZED SIGNATORY:		SIGNATURE OF GRANTEE (AS AUTHORIZED IN RESOLUTION, LETTER OF COMMITMENT, OR LETTER OF DESIGNATION) 	
TITLE Branch Chief	DATE	TITLE Air Pollution Control Officer	DATE 11/16/2023
STATE AGENCY ADDRESS 1001 I Street, Sacramento, CA 95814		GRANTEE'S ADDRESS (INCLUDE STREET, CITY, STATE AND ZIP CODE) 629 Entler Ave. Suite 15, Chico, CA 95928	
CERTIFICATION OF FUNDING			
AMOUNT ENCUMBERED BY THIS AGREEMENT \$1,105,782.00	PROGRAM 3530000L39	PROJECT 3900CAP N/A	ACTIVITY 3900CAP23 N/A
PRIOR AMOUNT ENCUMBERED FOR THIS AGREEMENT \$ 0.00	FUND TITLE Greenhouse Gas Reduction Fund General Fund		FUND NO. 3228 0001
TOTAL AMOUNT ENCUMBERED TO DATE \$1,105,782.00	(OPTIONAL USE) FY23 GGRF \$ \$691,113.75 upon grant execution and \$230,371.25 after 4 th quarter Cap-and-Trade auction FY23 General Fund \$ \$184,297.00 upon grant execution		CHAPTER 38 STATUTE 2023 AB 102
APPR REF 101	ACCOUNT/ALT ACCOUNT 5432000	REPORTING STRUCTURE 39006100	SERVICE LOCATION 50020 50043 FISCAL YEAR (ENY) 2023/\$ \$921,485.00 2023/\$ \$184,297.00
<i>I hereby certify that the California Air Resources Board Legal Office has reviewed this Grant Agreement.</i>			
SIGNATURE OF CALIFORNIA AIR RESOURCES BOARD LEGAL OFFICE: N/A			DATE

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**RESOLUTION 2023-21
BEFORE THE BOARD OF DIRECTORS OF
BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT
STATE OF CALIFORNIA
COMMUNITY AIR PROTECTION (CAP) INCENTIVES FY2023–2024 GRANT APPROVAL**

Resolution 2023-21)
Approve FY 2023-2024)
Community Air Protection (CAP) Incentives.....)

WHEREAS, the California Air Resources Board (CARB) has allocated FY 2023-2024 funds to support incentive projects in Butte County that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure, consistent with the goals of Assembly Bill (AB) 617 (Chapter 254, Statutes of 2017);

AND WHEREAS, CAP Incentives are administered by air districts with direction from the State CAP Incentives Guidelines and grant agreements;

AND WHEREAS, the District maintains a Board-approved CAP Incentives Policies and Procedures Manual and Carl Moyer Program Policies and Procedures Manual;

THEREFORE, BE IT RESOLVED, that the Butte County Air Quality Management District Board hereby approves the District's participation in the FY 2023-2024 CAP Incentives Program, acceptance of current and future FY 2023-2024 CAP Incentive funds allocated to the District, and authorizes the Air Pollution Control Officer to execute on behalf of the District grant agreements with CARB and all other necessary documents to implement and carry out the purposes of this resolution, subject to District Counsel review as appropriate;

BE IT FURTHER RESOLVED THAT, that the Board authorizes the Air Pollution Control Officer to accept any additional CAP Incentive funding that may become available from CARB or other Districts, and amend the budget accordingly.

On Motion of _____, Seconded by _____, the foregoing resolution is hereby PASSED AND ADOPTED by the Air Quality Management District Board of Directors on this 7 day of December, 2023 by the following:

- AYES:
- NOES:
- ABSTAIN:
- ABSENT:

Stephen Ertle, Air Pollution Control Officer
Butte County Air Quality Management District

I hereby attest that this is a true and correct copy of the action taken by the Butte County Air Quality Management District Board of Directors on December 7, 2023.
ATTEST: _____
Kelly Towne, Clerk of the Governing Board

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TAMI RITTER, CHAIR
Supervisor, District #3

ANGEL CALDERON, VICE CHAIR
Councilmember, Gridley

BILL CONNELLY
Supervisor, District #1

PETER DURFEE
Supervisor, District #2

TOD KIMMELSHUE
Supervisor, District #4

DOUG TEETER
Supervisor, District #5

CHUCK NUCHOLS
Vice Mayor, Biggs

ADDISON WINSLOW
Councilmember, Chico

ERIC SMITH
Vice Mayor, Oroville

ROSE TRYON
Vice Mayor, Paradise

STEPHEN ERTL
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Ursula Parker, Senior Air Quality Compliance Specialist

Re: **Prescribed Burn Reporting and Monitoring Support Program (Year 5)
Approval and Program Update**

ISSUE:

Staff is requesting approval for year five (5) funding of the Prescribed Burn Reporting & Monitoring Support Program (Grant) and providing a program update. The Grant was first approved in April 2019.

ACTION REQUESTED:

The Grant was established in 2019 under the State's SB 856, to provide funding to local air districts to assist in their implementation of smoke management programs to enhance districts' abilities to monitor smoke and air quality during prescribed fire events, and to provide public awareness regarding prescribed burns. Of the \$2 million appropriated for this program, \$1 Million was set aside to support Districts. Your Board previously approved Resolution 2019-11, which granted authorization to receive the initial round of funding to implement the Grant.

To date, the following funding has been requested and/or encumbered under the Grant:

Year 1: \$20,000, Year 2: \$30,200, Year 3: \$32,700, and Year 4: \$49,700.

These funds have been critical to backfill the shortfall in program cost recovery of the Districts Burn Program. For the 5th year of funding, the District has been offered \$33,200 to add to the \$132,600 requested and/or encumbered to date, bringing the District's total fund allocation to \$165,800.

Funding provided from the grant has aided the District in collaborating with federal, State and local partners to burn well over 6,000 prescribed burn acres from June 2019 to date on multiple landscapes, from the successful Bidwell Park prescribed burns, to CAL FIRE's Vegetation Management Projects around Lake Oroville and Cohasset. Additionally, burns

Agenda Item 5

that provide the continuation of traditional indigenous knowledge in various locations in our county, and many others have been supported by the Grant.

The District has also supported efforts of the Butte County Resource Conservation District who developed a Prescribed Burn Association (PBA) to train and provide support to residential landowners who have conducted prescribed burns on their own land with the PBA and their neighbors' assistance.

The Grant has supported Staff attending training workshops, meetings, brown bag lunches, webinars, and even monthly weather trainings hosted by CARB. Prescribed burns conducted by land managers are monitored by staff; a network of webcams set up by various entities has made remote monitoring possible as well. Tools such as the AirNow Fire and Smoke Map have assisted District's efforts to keep the public aware about prescribed burns and the potential for smoke impacts more effectively now than ever. Resources provided through the Grant have allowed better oversight of the Prescribed Burn program and support our goal of increasing the opportunities for prescribed burns while still protecting the public from smoke impacts. Our District regularly receives positive feedback from land managers and members of the public whom we assist with prescribed burns. Approval of year five funds will allow this important work to expand.



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Supervisor, District #3

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ROSE TRYON
Vice Mayor, Paradise

STEPHEN ERTLE
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Jason Mandly, Senior Air Quality Planner

Re: **Mitigation Plan to Reduce the Impacts of Wildfire Smoke in Butte County, California**

ISSUE:

The District is required to submit a mitigation plan for wildfire smoke to the US EPA by April 2024.

ACTION REQUESTED:

After holding a public hearing, approve the proposed mitigation plan and associated Resolution 2023-19

DISCUSSION:

Butte County was impacted by wildfire smoke in 2018 due to the Carr Fire, the Mendocino Complex Fires, and the Camp Fire. Wildfire smoke also impacted Butte County in 2020 due to the August Complex Fires and the North Complex (Bear) Fire. During both years, fine particulate (PM2.5) concentrations measured in Butte County exceeded the National Ambient Air Quality Standards (NAAQS). The Federal Clean Air Act has provisions that allows monitoring data influenced by "Exceptional Events" such as wildfire smoke to be excluded when the US EPA evaluates an area's attainment with the NAAQS. The District and CARB submitted notification to the US EPA that monitoring data in Butte County were influenced by wildfire events in 2018 and 2020.

The 2016 Exceptional Events Rule requires the US EPA to identify areas that have frequently recurring exceptional events of the same type and pollutant. These areas are required to develop a mitigation plan to help protect the public from future events of the same nature. The District was notified in April 2022 that Butte County was subject to the mitigation plan requirements of the 2016 Exceptional Events Rule specific to PM2.5 pollution from wildfires. The proposed mitigation plan summarizes the actions that the District will implement prior to and throughout wildfire smoke impact events anywhere within Butte County.

Agenda Item 6

Attachments:

Proposed Mitigation Plan to Reduce the Impacts of Wildfire Smoke in Butte County, California

Resolution 2023-19: Approve Mitigation Plan to Reduce the Impacts of Wildfire Smoke in Butte County, California

Mitigation Plan to Reduce the Impacts of Wildfire Smoke in Butte County, California

Proposed for Adoption December 7, 2023

Date of Release November 6, 2023



Butte County Air Quality Management District

629 Entler Avenue, Suite 15
Chico, CA 95928

Prepared By

Jason Mandly, Senior Air Quality Planner

Reviewed By

Stephen Ertle, Air Pollution Control Officer

Table of Contents

<u>Chapter</u>	<u>Page</u>
1. Introduction and Background	3
2. Public Notification and Education	4
3. Mitigating Measures.....	7
4. Provisions for Periodic Review.....	11

Attachment A: Letter to State of California Re: Additional Areas Subject to Mitigation Plan Requirements

Attachment B: Section 11 – BCAQMD Administrative Code - *Emergency Response and Public Health Advisory Procedures* including example Air Quality Advisory

Attachment C: Example Smoke Ready Press Release

Attachment D: *Air Quality Activity Recommendations for Butte County Schools*

Attachment E: Clean Air Center Program Participation Form

Attachment F: Mitigation Plan Submittal Support Documentation

1. Introduction and Background

The Butte County Air Quality Management District's mission is to protect the people and the environment of Butte County from the harmful effects of air pollution. As part of that mission, the Butte County Air Quality Management District (District or BCAQMD) has worked with local, state, and federal agencies, media, health professionals, schools, and the public for decades to help reduce the public's exposure to smoke during wildfire events.

Butte County was impacted by wildfire smoke in 2018 due to the Carr Fire, the Mendocino Complex Fires, and the Camp Fire. Wildfire smoke also impacted Butte County in 2020 due to the August Complex Fires and the North Complex (Bear) Fire. During both years, fine particulate (PM_{2.5}) concentrations measured in Butte County reached the Hazardous range on the Air Quality Index (AQI).

The Federal Clean Air Act (CAA) has provisions that allows monitoring data influenced by "Exceptional Events" such as wildfire smoke to be excluded when the United States Environmental Protection Agency (US EPA) evaluates an area's attainment with the National Ambient Air Quality Standards (NAAQS). This process is described in the 2016 Exceptional Events Rule (40 CFR 50.14). The District and the California Air Resources Board (CARB) submitted notification to the US EPA that monitoring data in Butte County were influenced by wildfire events in 2018 and 2020.

The 2016 Exceptional Events Rule requires the US EPA to identify areas that have frequently recurring exceptional events of the same type and pollutant (40 CFR 51.930). These areas are required to develop a mitigation plan to help protect the public from future events of the same nature. The District was notified in April 2022 that Butte County was subject to the mitigation plan requirements of the 2016 Exceptional Events Rule specific to PM_{2.5} pollution from wildfires (**Attachment A**).

This *Mitigation Plan to Reduce the Impacts of Wildfire Smoke in Butte County, California* summarizes the actions that the District takes when areas in Butte County are impacted by wildfire smoke. To meet the requirements of the 2016 Exceptional Events Rule, this mitigation plan includes the following components:

- A. Public notification and education programs for affected or potentially affected communities.
- B. Steps to identify, study, and implement mitigating measures, including:
 - a. measures to abate or minimize contributing controllable sources;
 - b. methods to minimize public exposure to high concentrations of identified pollutants;
 - c. processes to collect and maintain data pertinent to the event; and
 - d. mechanisms to consult with other air quality managers in the affected area with regards to appropriate responses to abate and minimize impacts.
- C. Provisions for periodic review and evaluation of the mitigation plan and its implementation and effectiveness by the State and all interested stakeholders.

2. Public Notification and Education

a. Public Notification During Wildfire Smoke Impacts

Procedures for protecting public health in Butte County when criteria or toxic air pollutants have the potential to create widespread impacts to public health or significantly affect compliance with national or state ambient air quality standards are included in the District's Administrative Code under Section 11 (**Attachment B**).

The primary way that the District notifies the public of significant smoke impacts from wildfire events is to issue an Air Quality Advisory (See Attachment B, Example 2). The trigger to issue an Air Quality Advisory is when the ambient concentrations of PM_{2.5} are forecast to reach a 24-hour AQI of 127 or greater (mid range "Unhealthy for Sensitive Groups") or at the discretion of the Air Pollution Control Officer (APCO). The Air Quality Advisory is drafted in coordination with the Butte County Public Health Department and individual advisories are issued jointly via email to news media, schools, health officials, and other stakeholders that request notification. Air Quality Advisories issued in response to wildfire smoke include a synopsis of expected smoke impacts, ways to reduce exposure to wildfire smoke, and information on how to monitor air quality conditions.

In addition to email, Air Quality Advisories are posted on the District's website, which can be accessed at www.bcaqmd.org or www.butteairquality.com (Figure 2-1) and posted on social media accounts (Figure 2-2). Even if an Air Quality Advisory is not issued due to moderate or temporary smoke impacts, the District may continue to post outreach information as needed on the District's website and social media channels.

District staff evaluate air quality conditions every day and issue daily air quality forecast products, update AirNow's Enviroflash product, and update the District's 24-hour AQI forecast on the District's website for the county's three permanent monitoring locations (Chico, Paradise, South Butte County). Enviroflash (available at www.enviroflash.info) is a product of the US EPA and allows members of the public to sign up to receive email notifications if air quality forecasts are expected to reach the selected AQI threshold.

Figure 2-1: Example of an Air Quality Advisory posted on District's website

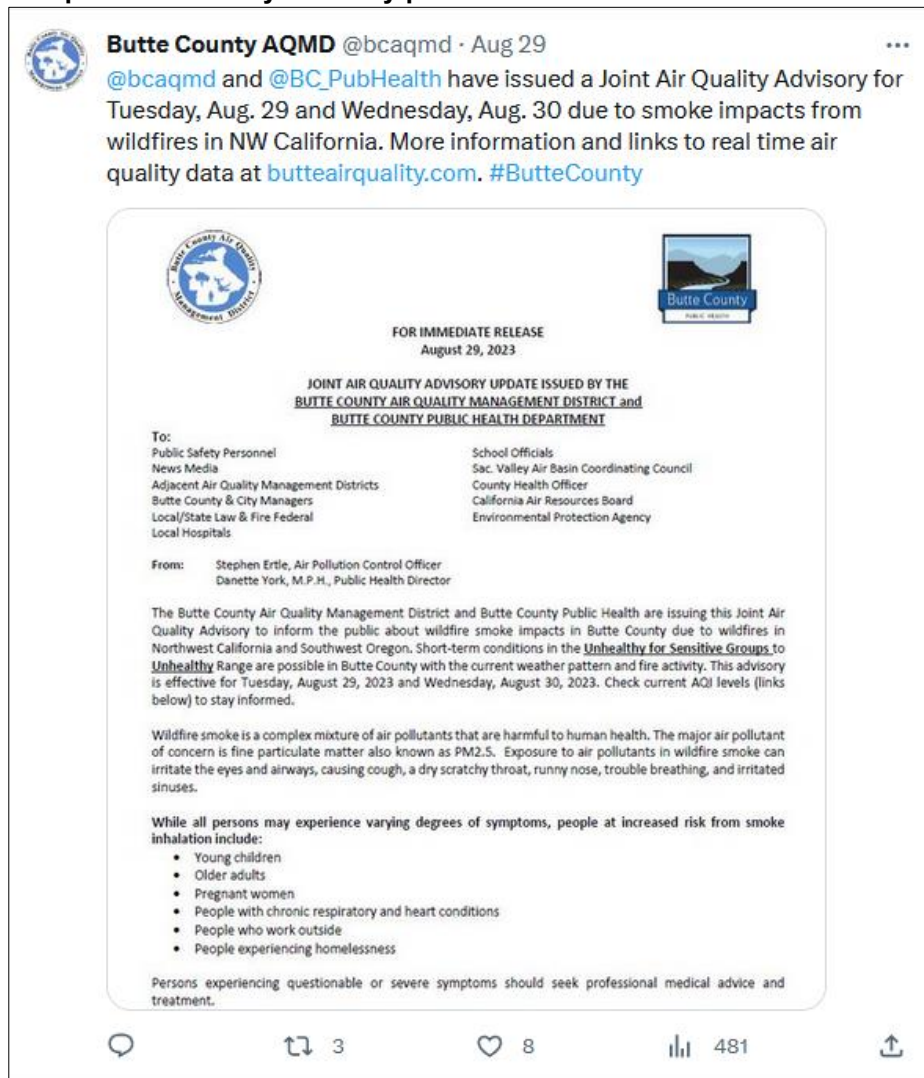
CURRENT NEWS & INFORMATION

[Wildfires and Air Quality](#)

Visit the [Wildfires and Air Quality](#) page for ways to track smoke and reduce your exposure to wildfire smoke.

The Butte County Air Quality Management District and Butte County Public Health are issuing a [Joint Air Quality Advisory](#) to inform the public about wildfire smoke impacts in Butte County due to wildfires in Northwest California and Southwest Oregon. Short-term conditions in the Unhealthy for Sensitive Groups to Unhealthy Range are possible in Butte County with the current weather pattern and fire activity. This advisory is effective for Tuesday, August 29, 2023 and Wednesday, August 30, 2023.

Figure 2-2: Example of Air Quality Advisory posted on District’s Twitter account



b. Public Education

Before each fire season the District works with Butte County Public Health Department to issue a joint press release with ways to prepare for the possibility of wildfire smoke (**Attachment C**). The goal of the press release is to educate the public on sources of air quality information, actions to take to protect themselves from wildfire smoke, and ways to prepare the home to filter out smoke particulates.

The District has also collaborated with the Butte County Public Health Department and the Butte County Office of Education to develop *Air Quality Activity Recommendations for Butte County Schools* (**Attachment D**). This document provides recommendations to assist Butte County school districts in making decisions when air quality is poor. School closure and event cancellation is ultimately a school district-by-school district decision based on local conditions.

In addition to making Air Quality Advisories available to the public, the District's website hosts information to help the public prepare for wildfire smoke, protect themselves during wildfire smoke impacts, and find air quality data. The District's webpage includes a sidebar providing the 24-hour AQI forecast for several Butte County locations and links to real-time air quality data ([Airnow Fire and Smoke Map](#) and [Airnow.gov](#)).

The District's website includes a page dedicated to "Wildfires and Air Quality" (<https://bcaqmd.org/resources-education/wildfires>). This webpage includes health messaging, ways to reduce exposure to wildfire smoke, and links to additional resources including, but not limited to:

- Air Quality Advisories (as needed)
- Products from deployed Air Resource Advisors (ARAs)
- Current Cal-FIRE and Federal incidents
- The California Smoke Blog
- [CARB's SmokeSpotter App](#)
- The Airnow Fire and Smoke Map & tutorial video developed by Placer County APCD.
- Purple Air Sensor Map
- AlertCalifornia Webcam Network
- Experimental Smoke Forecast by National Weather Service – Sacramento
- Air Quality Activity Recommendations for Butte County Schools
- US EPA's Smoke Ready Toolbox
- The Wildfire Smoke Guide for Public Health Officials
- US EPA instructions on how to make a DIY box fan filter

The District also seeks out opportunities to perform outreach online or in the community during special events (Figure 2-3) and Air Quality Awareness Week (first week of May).

Figure 2-3: Example of District outreach activities demonstrating portable PM_{2.5} monitors, low-cost sensors, and DIY box fan filter kits.



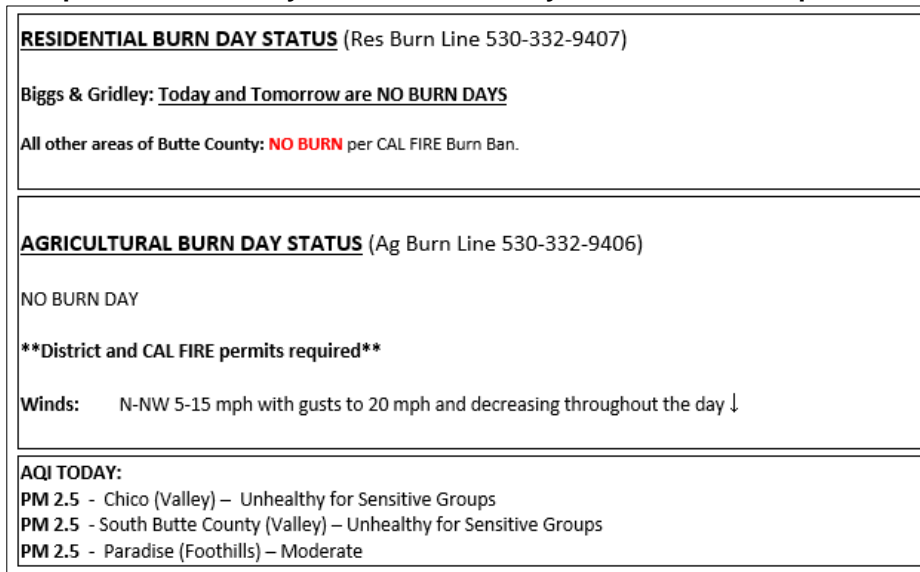
3. Mitigating Measures

a. Measures to Abate or Minimize Contributing Controllable Sources

Open burning is one of the largest sources of controllable PM_{2.5} in Butte County. [District Rule 300 – Open Burning Requirements, Prohibitions and Exemptions](#) works to ensure that open burning in the District is conducted in a manner that minimizes emissions and smoke and is managed consistent with State and federal law. Agricultural and prescribed burning in Butte County is also managed by the [Sacramento Valley Air Basin Smoke Management Program](#) pursuant to §41863 of the California Health and Safety Code and §80140(a) of Subchapter 2, Smoke Management Guidelines for Agricultural and Prescribed Burning of Title 17 of the California Code of Regulations. The current Smoke Management Program officially took effect on October 30, 2001. District staff coordinated with other air districts, CARB, fire protection agencies, land managers with jurisdiction in the SVAB, the public and other affected parties in its development.

Both District Rule 300 and the Smoke Management Program allow the District to curtail open burning on days where PM_{2.5} concentrations are expected to exceed federal and state ambient air quality standards or on days where no-burn criteria are met per the Smoke Management Program. District staff update burn day status daily on the District’s website, on dedicated phone lines, and via an email to subscribers.

Figure 3-1: Example of No Burn Day notification on daily burn status email product



The District’s [“Check Before You Light”](#) program runs from November 1 through the end of February each winter season. “Check Before You Light” is a voluntary program requesting residents to refrain from using wood stoves and fireplaces during poor air quality. The program is aimed at keeping pollution levels of PM_{2.5} below the health-based standards. Although wildfires are less common during the colder months, Butte County has experienced catastrophic wildfire during the month of November (2018 Camp Fire).

PM_{2.5} emissions from stationary and portable sources of air pollution are regulated by the requirements of District-issued permits and relevant prohibitory rules, such as District Rules 201 – *Visible Emissions*, 202 - *Particulate Matter Concentrations*, and 205 – *Fugitive Dust Emissions*. Prohibitory rules and permit requirements are enforced by regular inspections and investigations due to complaints. A current list of District Rules and Permitting Programs are available at <https://ww2.arb.ca.gov/current-air-district-rules>.

The District manages several grant and incentive programs that provide funding to reduce emissions of air pollutants in Butte County, including PM_{2.5} and diesel particulate matter. Recent incentive projects have funded the replacement of older mobile equipment and wood-burning devices with cleaner burning or zero-emission equipment. Funding levels and priorities change from year to year depending on State budgets & allocations, program guidelines, and District Governing Board direction. Current programs include:

- [The Carl Moyer Memorial Air Quality Standards Attainment Program](#)
- [The Funding Agricultural Replacement Measures for Emissions Reductions \(FARMER\) Program](#)
- [Community Air Protection Incentives Program](#)
- Community Air Protection Program funds to Implement AB617
- [The Woodsmoke Reduction Program](#)

b. Measures to Minimize Public Exposure to High Concentrations of Wildfire Smoke

Outreach measures such as those described in Section 2 of this Mitigation Plan are the primary ways to help members of the public avoid exposure to high concentrations of PM_{2.5} during wildfire smoke events. The Air Quality Advisory is designed to include information about the most impactful ways to reduce exposure to high concentrations of wildfire smoke. Additional resources available on the District's website include information about creating a clean air space indoors and proper ways to fit an N-95 respirator. District staff work each season to evaluate additional ways to reach a wider audience and partner with additional agencies to amplify outreach messaging. The *Air Quality Activity Recommendations for Butte County Schools (Attachment D)* developed with the Butte County Public Health Department and the Butte County Office of Education aims to mitigate exposure for school-age children.

Beginning in 2023, the District has four (4) portable air cleaners available for loan to eligible facilities during wildfire smoke events when the 24-hour AQI has a potential to exceed 150. These eligible facilities should be able to provide vulnerable populations and the general public a respite from wildfire smoke. Funding for the portable air cleaners come from Assembly Bill 836 as part of CARB's Wildfire Smoke Clean Air Centers for Vulnerable Populations Pilot Program (Wicks, Chapter 393, California Health, and Safety Code Section 39960, 2019) through an award by the California Air Pollution Control Officers Association (CAPCOA). Facilities that would like to serve as a temporary Clean Air Center can request one or more portable air cleaners from the District before or during an expected wildfire smoke event (**Attachment E**).

Figure 3-2: One of the District's four portable air cleaners available for loan



Through the Community Air Protection Incentives Program, the District has awarded funding for several projects over the past several years allowing schools to upgrade existing HVAC systems to accommodate MERV-14 filters for classrooms. Funding was also awarded to schools to purchase replacement high-efficiency filters that can filter out wildfire smoke. As of 2023, the Air Filtration for Schools funding category remains an option during the Community Air Protection Incentives application period.

c. Processes to Collect and Maintain Data Pertinent to Wildfire Smoke Events

CARB operates and maintains three permanent PM_{2.5} monitoring stations in Butte County. The monitoring stations which include a continuous Beta-Attenuation Monitor (BAM) are located at the following locations:

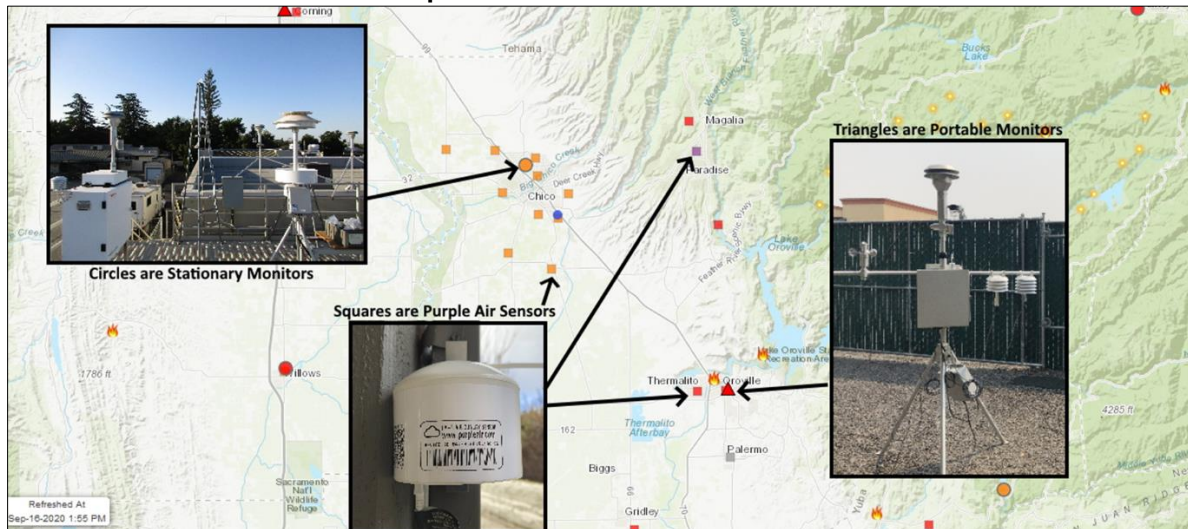
- 984 East Avenue Chico, CA – Regulatory
- 5921 Clark Road Paradise, CA – Non-Regulatory
- 608 Cowee Avenue Gridley, CA – Non-Regulatory

CARB makes the data available via their [AQMIS webpage](#), reports the data to [Airnow.gov](#) and the [Airnow Fire and Smoke Map](#), and reports the data via AQS to US EPA for analysis and archiving. The District evaluates air quality data from both CARB and US EPA sources to report air quality summaries to the District's Governing Board. The District posts annual air quality reports at <https://bcaqmd.org/air-quality/>.

Providing the public additional air quality data locations during wildfire smoke events helps include additional communities that may not be located near permanent PM_{2.5} monitoring stations. The District maintains a portable air monitoring station (E-BAM) that can monitor for PM_{2.5} and report data hourly via a satellite connection. The E-BAM can be deployed in any location in Butte County with power access. During deployments, data from the E-BAM are available on the [Airnow Fire and Smoke Map](#) in real-time. Hourly data is archived by the District when the E-BAM is in use.

The District also received multiple low-cost Purple Air sensors from CARB's Incident Air Monitoring Section as part of a pilot program to evaluate their effectiveness and provide additional air quality data to the public. The District deployed these low-cost sensors in various communities including Nord, Chico, Paradise, Magalia, Durham, Oroville, Berry Creek, Forest Ranch, Cohasset, Butte Meadows, Thermalito, Richvale, Biggs, and Palermo. If quality control measures are met, low-cost sensor data is available on the [Airnow Fire and Smoke Map](#). The District does not archive data from low-cost sensors, however the Purple Air website has procedures to download data.

Figure 3-3: Example of CARB permanent monitor, District portable monitor, and low-cost sensors on the AirNow Fire and Smoke Map



In the event that State or federal ambient air quality standards may be exceeded due to wildfire smoke, the District retains information pertinent to the exceptional event including, but not limited to:

- Daily AQI forecast products
- Daily burn day status products
- Daily weather forecasts
- Sacramento Valley Air Basin burn allocation
- Snapshot of front page of the District's website
- ARA products covering the Butte County area
- Air Quality Advisories
- News media about the event
- District reports or summaries of the event
- Data flagging requests

d. Mechanisms to Consult with Other Air Quality Managers in the Affected Area

CARB hosts a daily interagency smoke call at 13:00 to allow air districts, CARB Meteorologists, CARB's Incident Air Monitoring Section, federal fire weather support personnel, ARAs, land managers, and burn coordinators to discuss fire weather conditions, smoke forecasts, and resource needs. One or more District staff will

participate in the call as needed during wildfire smoke events. CARB's Incident Air Monitoring Section also has established procedures for air districts to request additional portable particulate monitors from equipment caches or to [request CARB emergency monitoring support](#) if needed (Figure 3-4).

Figure 3-4: Example of CARB Incident Air Monitoring Section providing support during the Camp Fire



As discussed in Section 3.a of this Mitigation Plan, the District participates in the Sacramento Valley Air Basin Smoke Management Program which establishes a foundation of cooperation throughout the air basin in regard to managing open burning. Prescribed burning for the District and neighboring air districts is reported in the Prescribed Fire Information Reporting System ([PFIRS](#)). This allows neighboring air districts and air basins to review information about ongoing or planned prescribed burns. Posting information about prescribed burns in PFIRS also allows the public to track where prescribed burns are occurring and their modeled smoke impacts in CARB's SmokeSpotter app.

Prescribed burning is an important tool to reduce the risk of catastrophic wildfire in and around Butte County. District staff work collaboratively with land managers, CAL FIRE, CARB, and neighboring air districts before and during prescribed burns to help meet the goals of the project while minimizing smoke to populated areas. The District assists land managers as needed with their smoke management plans and strategies to inform nearby communities of potential smoke impacts so that community members can take appropriate action to reduce their exposure to smoke.

4. Provisions for Periodic Review

The District will review this Mitigation Plan every five (5) years to incorporate the most current District procedures, update links and resources, and include new measures if applicable. Each review will be a public process with the draft updated Mitigation Plan being made available for comments during a 30-day public commenting period. CARB planning staff and local stakeholders will be notified, and a public notice will be issued. Comments received will be attached to the draft updated Mitigation Plan, responded to by the District, and, if applicable, incorporated into the proposed updated Mitigation Plan. The proposed updated Mitigation Plan will be brought to the District's Governing Board for approval. The adopted updated Mitigation Plan will then be submitted to the US EPA.

Attachment A

Letter to State of California Re: Additional Areas Subject to Mitigation Plan Requirements

Edie Chang
Deputy Executive Officer
California Air Resources Board
1001 I Street
Sacramento, California 95814

Dear Deputy Executive Officer Chang:

I am writing to inform you that the U.S. Environmental Protection Agency (EPA) has finalized a list of additional areas subject to the mitigation plan requirements found in the 2016 Exceptional Events Rule and codified at 40 CFR 51.930. The attached table summarizes the portions of California the EPA has determined to have frequently recurring exceptional events of the same type and pollutant. The process that the EPA followed to identify additional areas subject to mitigation plans and the required components of mitigation plans are contained in the enclosed background document, in the docket established for this rulemaking (Docket ID No. EPA-HQ-OAR-2022-0313) and on the EPA's Exceptional Events web site at <https://www.epa.gov/air-quality-analysis/treatment-air-quality-data-influenced-exceptional-events-homepage-exceptional>.

Section 319(b) of the Clean Air Act expresses Congress's intent that, in promulgating the Exceptional Events Rule, the protection of public health be the highest priority. The EPA believes fulfilling its obligation to identify additional areas with historically documented or recurrent exceptional events is an important step in fulfilling the EPA's mission to protect public health.

If you have questions or concerns, please do not hesitate to contact me at Adams.Elizabeth@epa.gov, or at (415) 972-3183.

Sincerely,

Elizabeth J. Adams
Director, Air and Radiation Division

Enclosure:

A. Additional Areas Subject to Mitigation Plan Requirements

cc (via email): Joseph Tona, Tehama County Air Pollution Control District
Ali Ghasemi, Ventura County Air Pollution Control District
Aeron Arlin Genet, Santa Barbara County Air Pollution Control District
Stephen Ertle, Butte County Air Quality Management District
Sheraz Gill, San Joaquin Valley Air Pollution Control District
Matt Miyasato, South Coast Air Quality Management District

Attachment
Additional Areas Subject to Mitigation Plan Requirements

California			
County/Area	Event Type	Pollutant	Data Years¹
Tehama (Tuscan Buttes)	Wildfire	O ₃	2018-2020
Ventura	Wildfire	O ₃	2018-2020
Ventura	High Winds	PM ₁₀	2017-2019
Santa Barbara	Wildfire	PM ₁₀	2016-2018
San Joaquin Valley	Wildfire	PM ₁₀	2016-2018
Butte	Wildfire	PM _{2.5}	2018-2020
San Joaquin Valley	High Winds	PM _{2.5}	2017-2019
San Joaquin Valley	Fireworks	PM _{2.5}	2017-2019
San Joaquin Valley	Wildfire	PM _{2.5}	2018-2020
South Coast	Wildfire	PM _{2.5}	2017-2019
South Coast	Fireworks	PM _{2.5}	2017-2019

¹ 3-year period with 3 or more exceptional events or event seasons that made the area subject to mitigation plan requirements.

Attachment B

Section 11 – BCAQMD Administrative Code - *Emergency Response and Public Health Advisory Procedures*

SECTION 11: Emergency Response and Public Health Advisory Procedures

11.1 Introduction

The following guidelines set out the District's procedures for protecting public health in Butte County when criteria or toxic air pollutants have the potential to create widespread impacts to public health or significantly affect compliance with national or state ambient air quality standards. Exceptional events that generate air pollutants may include, but are not limited to: wild land fires, uncontrolled agricultural or prescribed burns, chemical spills, chemical fires, structural fires, industrial accidents, high wind events, and volcanic and seismic activity.

11.2 Initial Response

Initial notification of an air quality emergency or exceptional event may come from District staff, emergency responders, public agencies such as Butte County Environmental Health (local CUPA) and the Office of Emergency Services, permitted sources, or the public. If a notification is determined not to be an emergency, it can be handled as a general complaint pursuant to Section 5.6. After-hour notifications will be handled pursuant to Section 1.2 and Section 5.6.5. Per Section 1.2, if an emergency is identified, the APCO shall be contacted. If the APCO is unavailable, the Assistant APCO shall be contacted. If an emergency is life-threatening, staff are to call 9-1-1 first.

For emergencies that have the potential to release toxic air contaminants, staff will complete the District's Emergency Response Checklist (Example 1). A working file of the checklist is located at O:\Public Outreach\Emergency Response. If directed by the APCO or Assistant APCO, responding staff will collaborate as needed with the incident commander and cooperating agencies.

11.3 Requesting Additional Resources

The APCO and/or Assistant APCO **only** may approve requests for emergency response action from other agencies. The California Air Resources Board's (CARB) Incident Air Monitoring Section (IAMS) can provide State-level support for air contaminant monitoring, sampling, analysis, and dispersion modeling. Instructions for requesting emergency assistance from CARB is found in the *Requesting CARB Emergency Air Monitoring Support Services* document located at O:\Public Outreach\Emergency Response or on CARB's program website at <https://ww2.arb.ca.gov/requesting-carb-emergency-air-monitoring-support-services>. More information about requesting an Air Resources Advisor (ARA) during major wildfires can be found at <https://wildlandfiresmoke.net>.

11.4 Criteria for Public Notification – Air Quality Advisory

Protection of public health is the highest priority of the AQMD. The public must be informed whenever the air quality in the county is unhealthy. An air quality advisory will be issued by the District if the following criteria are met:

1. When the ambient concentrations of **PM2.5** (particulate matter having a nominal aerodynamic diameter less than or equal to 2.5 microns), is forecasted to reach a 24-hour AQI of 127 or greater (mid range "Unhealthy for Sensitive Groups"),

2. When the ambient concentrations of **Ozone** (the result of reactive organic compounds and hydrocarbons reaction in the presence of sunlight), is forecasted to reach a 24-hour AQI of 127 or greater (mid range “Unhealthy for Sensitive Groups”),
3. When the APCO or Assistant APCO find that an air pollutant poses a significant or widespread risk to the public.

11.5 Procedures for Public Notification

The APCO or Assistant APCO shall determine when an air quality advisory is to be issued and shall coordinate with the Butte County Public Health Officer or their designee as appropriate.

1. Prior to issuing the advisory, the APCO and or district staff should coordinate with the Public Health Officer or their designee (telephone number: **530-552-4000**).
2. After the APCO and Public Health Officer have approved the advisory, it should e-mailed as soon as possible (on joint Public Health & District letterhead) by available staff to the established distribution lists. Distribution shall be to the current Air Quality Advisory, Media, Health Agencies, and Butte County Schools distribution lists at a minimum. The advisory shall be forwarded to the staff webmaster for posting on the District’s website and social media accounts and shall be forwarded to the Clerk of the Governing Board for distribution to members of the Governing Board. Example (2) of A Joint Air Quality Advisory, see attached.
3. During an extended exceptional event where air quality is exceeding standards for multiple days, an updated air quality advisory may be issued by the District, as decided by the APCO and the Health Officer. The updated air quality advisory may include additional or nuanced recommendations to reduce the impact from wildfire smoke. Additional outreach information can be found in the Wildfire Smoke Guide for Public Health Officials at <https://www.airnow.gov/publications/wildfire-smoke-guide/wildfire-smoke-a-guide-for-public-health-officials/>.

Example (1)
Butte County Air Quality Management District
District Emergency Response Checklist

Name: _____ Date: _____
 Time: _____

1. Incident Information:

a.	Notifyee name:
b.	Contact numbers:
c.	Location of Emergency:
d.	Time incident started:
e.	Nature of Emergency:
f.	Other agencies notified:
g.	Other:

2. If life-threatening, call 9-1-1 (or have notifyee call).

3. If not life-threatening, call in the following order:

	Title	Day Phone (530) 332-9400, ext.	
	APCO	113	
	Assistant APCO	106	
	ASO	110	
	Safety Officer	100	

4. If instructed, alert the California Air Resources Board Incident Air Monitoring Section:

Name	Position	Work Phone	Cell Phone	Email (@arb.ca.gov)

District Emergency Checklist (con't)

5. If you have the resources to do so, research source/site and try to identify the following:

Current Met conditions
Wind Direction: Wind Speed: Temperature:
Nearby sensitive receptors (hospitals, schools, elderly care)
Familiarity with the general area of the emergency and potential obstacles (waterways, roads, lack of power)
If related to a source, list the potential environmental hazards (i.e. potential toxic pollutants, fuels, etc.)

6. If applicable, contact District Public Information Officer to issue an advisory.

7. Log of source/agency contacts:

Time	Name	Agency	Contact info	Notes:

Example (2)



FOR IMMEDIATE RELEASE
August 5, 2021

JOINT AIR QUALITY ADVISORY ISSUED BY THE
BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT and
BUTTE COUNTY PUBLIC HEALTH DEPARTMENT

To:

Public Safety Personnel
News Media
Adjacent Air Quality Management Districts
Butte County & City Managers
Local/State Law & Fire Federal
Local Hospitals

School Officials
Sac. Valley Air Basin Coordinating Council
County Health Officer
California Air Resources Board
Environmental Protection Agency

From: Air Pollution Control Officer
Butte County Environmental Health Officer

The Butte County Air Quality Management District Air Pollution Control Officer and the Butte County Public Health Director are issuing this Joint Air Quality Advisory to update the public about wildfire smoke impacts in Butte County due to the Dixie Fire. Short-term smoke impacts in the Unhealthy to Very Unhealthy range are possible in Paradise, Magalia, and other foothill communities during overnight and morning hours while the fire remains active. Check current AQI levels (links below) to stay informed.

Wildfire smoke is a complex mixture of air pollutants that are harmful to human health. The major air pollutant of concern is fine particulate matter also known as PM2.5. Exposure to air pollutants in wildfire smoke can irritate the eyes and airways, causing cough, a dry scratchy throat, runny nose, trouble breathing, and irritated sinuses.

While all persons may experience varying degrees of symptoms, people at increased risk from smoke inhalation include:

- Young children
- Older adults
- Pregnant women
- People with chronic respiratory and heart conditions
- People who work outside
- People experiencing homelessness

Persons experiencing questionable or severe symptoms should seek professional medical advice and treatment.

People can reduce smoke inhalation by taking the following actions:

- Limit outdoor exertion, especially children, the elderly, and those with pre-existing respiratory conditions;
- If your child shows signs of compromised breathing or has respiratory conditions, follow your doctor's directions regarding medicines and asthma management plans. Call your doctor if symptoms worsen.
- Keep doors and windows closed as much as possible in buildings and vehicles.
- When AQI levels reach Unhealthy levels (150 or higher), consider if the work needed to be completed outside is essential. If N-95 respirators are used, be sure that they are correctly fitted. Remember that a dust mask, cloth face covering, or medical mask will not filter out smoke! Staying indoors is the best option to reduce exposure to wildfire smoke.
- Try to limit sources of air pollution in your home (smoking, use of incense or candles, and frying food are some examples of indoor air pollution sources).
- If you have air conditioning, make sure your setting is on "recirculate" both in your car and in your home to use inside air rather than drawing in air from the outside.
- Use high efficiency air filters (rated MERV-13 or higher) for your HVAC system if possible. Portable HEPA filters can also be used (avoid Ozone-producing air purifiers).
- Track air quality in your area through websites or mobile apps to plan your activity before heading out. The BCAQMD website (www.butteairquality.com) has daily air quality forecasts as well as links to real-time air quality data. The Airnow Fire and Smoke Map (<https://fire.airnow.gov>) shows current air quality conditions at many locations throughout Butte County.

This notification will remain in effect while the Dixie Fire remains active. Outdoor residential burning is currently prohibited by CalFire. More information including access to air quality data is available at www.bcaqmd.org or www.butteairquality.com. Questions may be directed to 520-332-9400 during regular business hours.

Air Quality Index (AQI): Particle Pollution and Visibility Chart

Index Values	Levels of Health Concern	Cautionary Statements	Visibility Range in Miles
0-50	Good	None	10+ miles
51-100*	Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.	5 – 10 miles
101-150	Unhealthy for Sensitive Groups	People with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion.	3 – 5 miles
151-200	Unhealthy	People with heart or lung disease, older adults, and children should avoid prolonged or heavy exertion. Everyone else should reduce prolonged or heavy exertion.	1.5 – 2.5 miles
201-300	Very Unhealthy	People with heart or lung disease, older adults, and children should avoid all physical activity outdoors. Everyone else should avoid prolonged or heavy exertion.	1 – 1.25 miles
301-500	Hazardous	People with heart or lung disease, older adults, and children should remain indoors and keep activity levels low. Everyone else should avoid all physical activity outdoors.	< 0.75 miles

Attachment C

Example Smoke Ready Press Release



FOR IMMEDIATE RELEASE

June 15, 2023

JOINT PRESS RELEASE ISSUED BY THE
BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT and
BUTTE COUNTY DEPARTMENT OF PUBLIC HEALTH

From: Stephen Ertle, Air Pollution Control Officer
Danette York, M.P.H., Public Health Director

The Butte County Air Quality Management District (BCAQMD) and Butte County Department of Public Health (BCPH) are reminding the community that wildfire smoke in Butte County is possible throughout the year but is most likely during the summer and autumn seasons. There are steps that you can take to prepare your home or business to reduce the effects of smoke during wildfire events.

Know Where to Find Air Quality Information:

- The AirNow Fire and Smoke Map at <https://fire.airnow.gov> includes official monitoring stations as well as many unofficial sensors throughout Butte County.
- The BCAQMD website (www.butteairquality.com) has daily air quality forecasts as well as links to real-time air quality data.
- Download the California Smoke Spotter app in the Apple Store or on Google Play to track prescribed burning, smoke impacts, and current air quality in your area.

Make Your Home or Business Smoke Ready:

- Keep a stock of backup high-efficiency filters (MERV-13 or higher) that can help filter out small particulates. If you don't have a central HVAC system, consider portable air cleaners that can be placed in rooms experiencing the most use. Fixing gaps in doors and windows can help keep smoke out.
- Be prepared with a correctly-fitting N-95 respirator if you need to spend time outdoors during smoky conditions. Please note: N-95 masks are not intended for children and can be dangerous for individuals with lung and heart conditions. **Remember that a dust mask, bandana, or medical mask will not filter out smoke!**

Clean Air Center Opportunity:

- BCAQMD has several portable air cleaners available for loan to facilities within low-income and disadvantaged communities that can allow free public access during regular operating hours.
- Eligible facilities can contact BCAQMD at 530-332-9400 to request portable air cleaners before or during wildfire smoke impacts in Butte County. More information at www.butteairquality.com.



Know Ahead of Time:

- Check with your doctor about what you should do during smoke events if any family member has respiratory illnesses, including asthma, or heart or lung disease.
- Be familiar with your community's resources for "clean air spaces" or places that you can go to cool down and escape the smoke safely, such as malls, book stores, and theaters.

The major air pollutant of concern during wildfires is fine particulate matter (PM_{2.5}). While all persons may experience varying degrees of symptoms, people at increased risk include: young children, older adults, pregnant women, people who smoke, people who work outside, people experiencing homelessness, and people with respiratory conditions. Symptoms of exposure to wildfire smoke may include, but are not limited to, coughing, watery and itchy eyes, headaches, and difficulty breathing. Exposure to smoke can reduce the body's ability to fight infection and viruses and can worsen the symptoms of respiratory illnesses, such as COVID-19.

Learn more at <http://bcaqmd.org/resources-education/wildfires/> where you can find resources on tracking smoke, checking the Air Quality Index near you, and ways to protect yourself from wildfire smoke. You can also follow BCAQMD on Twitter (@bcaqmd) and BCPH on Facebook (@ButteCountyPublicHealth) and Twitter (@BC_Pubhealth).

###

Attachment D

Air Quality Activity Recommendations for Butte County Schools

Air Quality Activity Recommendations for Butte County Schools

PROTECT STUDENT HEALTH DURING POOR AIR QUALITY

Air quality is an important consideration for schools in terms of student activities. Butte County Air Quality Management District (BCAQMD) and Butte County Public Health (BCPH) can assist schools with understanding local air quality concerns and actions they can take to protect student health. To find out more, contact BCAQMD or BCPH.



The following school activity recommendations are based on consultation with health researchers and several important principles drawn from recent studies.

Activity	Air Quality Level				
	LEVEL 1 GOOD AQI: 0-50	LEVEL 2 MODERATE AQI: 51-100	LEVEL 3 UNHEALTHY FOR *SENSITIVE GROUPS AQI: 101-150	LEVEL 4 UNHEALTHY AQI: 151-200	LEVEL 5 VERY UNHEALTHY AQI: 201-300 <i>School districts may consider closures.</i>
Recess (15min)	No restrictions	No restrictions, but allow students with asthma or other respiratory conditions to stay indoors.	Keep students with asthma/other respiratory conditions, and heart disease indoors. Make indoor space available for all students.	No outdoor activity. Keep students indoors and activity Levels light	No outdoor activity. Keep students indoors and activity Levels light
P.E. (1hr)	No restrictions	Monitor students with asthma or other respiratory conditions. Limit their vigorous activities & increase rest periods.	Limit P.E. to light outdoor activities. Keep students with asthma/other respiratory conditions, and heart disease indoors & keep activity levels light.	No outdoor activity. Keep students indoors and activity Levels light	No outdoor activity. Keep students indoors and activity Levels light
Athletic Practice & Training (2-4hrs)	No restrictions	Monitor students with asthma or other respiratory conditions. Limit their vigorous activities & increase rest periods.	Reduce vigorous exercise to 30 minutes per hour of practice time. Increase rest periods and substitutions. Students with asthma/other respiratory conditions, and heart disease should practice indoors.	Consider cancelling, rescheduling or relocating outdoor events to an area of good air quality, if this can be done without much transit through areas with poor air quality	No outdoor activity. Keep students indoors and activity Levels light
Scheduled Sporting Events	No restrictions	Monitor students with asthma or other respiratory conditions. Limit their vigorous activities & increase rest periods.	Consider moving the event/practice indoors. Increase rest periods and substitutions. Students with asthma/other respiratory conditions, and heart disease should practice indoors.	Consider cancelling, rescheduling or relocating outdoor events to an area of good air quality, if this can be done without much transit through areas with poor air quality	Consider cancelling, rescheduling or relocating outdoor events to an area of good air quality, if this can be done without much transit through areas with poor air quality

Air Quality Guidelines for Schools

About the Guidelines:

- These guidelines are based on the United States Environmental Protection Agency (U.S. EPA) and Centers for Disease Control's [Air Quality and Outdoor Activity Guidance for Schools](#) and [Wildfire Smoke: A Guide for Public Health Officials](#). The guidelines are designed to assist in your decision-making process.
- These guidelines are intended to assist school districts in making decisions when air quality is poor. *School closure and event cancellation is ultimately a school district-by-school district decision based on local conditions.*
- The impact of smoke depends on the sensitivity of the person and the length of exposure, as outlined in the Air Quality Activity Recommendations chart. Children with respiratory or heart conditions are vulnerable to poor air quality and may require extra precautions. School districts should advise parents to consult with their family health care provider.

Using the Guidelines:

- School districts can monitor local air quality conditions by visiting the AirNow Fire and Smoke Map at fire.airnow.gov. Additional tools as well as daily forecasts are available at www.butteairquality.com. See Page 2 of these Guidelines for more information on obtaining air quality information.
- School districts should make decisions about school activities and closures based on air quality measurements and local conditions, such as the availability and quality of school building air filtration and direct observation of onsite indoor/outdoor air quality.
- School districts may wish to consult with the Butte County Air Quality Management District regarding outdoor air and the Butte County Public Health Department regarding indoor air before making a final determination.
- School districts should report any school closures to the Butte County Office of Education for media notification as well as announce closures to families using normal school closure procedures.

Level 6: Hazardous Air Quality

- Hazardous air quality occurs when the AQI reading is 301 or higher and visibility is less than one mile.
- During School recess and P.E. class, students should stay indoors and activity levels should be light.
- Schools should consider cancelling or rescheduling outdoor sporting events and practices.

Additional Information & Resources

Air Quality Tools:

- There are a variety of sources to obtain air quality information for locations in Butte County. Below are websites recommended by the Butte County Air Quality Management District. Feel free to contact the Air District at 530-332-9400 for assistance. These resources are also linked to at the Air District's website: www.butteairquality.com.

AirNow Fire and Smoke Map: <https://fire.airnow.gov>

- The Airnow Fire and Smoke Map is the primary resource for tracking smoke impacts. Data shown comes from official monitoring stations and low-cost particulate sensors. The network of particulate sensors in Butte County continues to expand for better coverage. Click on a location for trends and health messaging for that AQI level.

AirNow: www.airnow.gov

- Only shows official monitoring data (no sensors). Best for tracking ozone (summertime smog). To use, go to www.airnow.gov and enter your zip code.

Purple Air: www.purpleair.com/map

- Purple Air sensors are low-cost particulate sensors that instantaneously estimate PM2.5 levels. Although the data is experimental, unofficial, and not quality controlled, Purple Air sensors can help show air quality trends in areas without official monitoring stations. Many local sensors are used in the AirNow Fire and Smoke Map. Good for tracking very short-term changes in AQI.
- If using the Purple Air site, click on MAP, then go to the lower left of the screen to the box labeled "Map Data Layer." Change the conversion drop-down on the right to **US EPA** instead of none to adjust the data to reflect the current science on the readings for these sensors.

About Masks:

- When air is unhealthy, the best option is to reduce physical activity and stay indoors with windows/doors closed. If indoor temperature is high, get to a location with clean filtered air such as a public library, shopping mall or other building with heating, ventilation, and air conditioning (HVAC) system filtration.
- N95 masks have limitations. Surgical gauze masks provide no protection from smoke. N95 respirator masks are designed for professional use by trained adults and **are not intended for children**. Therefore, N95 masks are not recommended for children by air quality districts/public health agencies.
- N95 masks require a perfect seal to be effective. If these masks are not fitted correctly, they will provide little if any protection.
- N95 masks can exacerbate breathing difficulty for sensitive breathers or potentially cause deeper breathing, which draws particulates deeper into the lungs if they are not fitted correctly.
- N95 masks must be kept clean and replaced frequently to be effective. If a mask is used, please refer to the mask manufacturer's recommendations on cleaning and replacement intervals

Recommendations for Ensuring Cleaner Air at School:

- Install and maintain HVAC air conditioning system with medium or high-efficiency filtration. Install high efficiency particulate air (HEPA) filters if possible. See below for U.S. EPA recommendations for air filtration. <https://www.airnow.gov/sites/default/files/2021-07/indoor-air-filtration-factsheet.pdf>
- Install portable HEPA filters in classrooms where possible. Approved filters: <https://www.arb.ca.gov/research/indoor/aircleaners/certified.htm>
- Be sure that portable filters are sized correctly for the room.
- Ensure doors and windows are sealed tightly. Minimize air movement in and out of room.

Attachment E

Clean Air Center Program Participation Form

BCAQMD CLEAN AIR CENTER PROGRAM PARTICIPATION FORM



HOW THE CLEAN AIR CENTER PROGRAM WORKS

1. The Clean Air Center Program (“Program”) is a statewide program designed to create a network of clean air centers where people in vulnerable communities with high documented smoke burden can find respite from wildfires and other smoke events. This grant program is funded by Assembly Bill 836 as part of the California Air Resources Board’s (CARB) Wildfire Smoke Clean Air Centers for Vulnerable Populations Pilot Program (Wicks, Chapter 393, California Health, and Safety Code Section 39960, 2019).
2. The California Air Pollution Control Officers Association (CAPCOA) implements the Program for the Butte County area and awarded four (4) portable cleaners to the Butte County Air Quality Management District (District) in August 2022 to meet the goals of the Program.
3. Each portable air cleaner is a Medify Air Model #MA-112 rated with a Clean Air Delivery Rate (CADR) of 950 cubic meters per hour which can filter a 2,500 square foot room in 30 minutes – capturing 99.99% of particulates down to 0.1 microns.
4. The District is making these portable air cleaners available for loan to eligible facilities during wildfire smoke events when the 24-hour AQI has a potential to exceed 150. These eligible facilities will be able to provide vulnerable populations and the general public a respite from wildfire smoke.
5. Facilities must either be located in a Disadvantaged Community or Low-Income Community as determined by the latest Priority Populations map: <https://webmaps.arb.ca.gov/PriorityPopulations/>. Participating facilities must allow free public access to spaces served by District air cleaners during regular business hours for the duration of the equipment loan term.
6. Air cleaners will be available for loan to eligible facilities on a first come – first serve basis. If more air cleaners are requested than are available, the District will establish a waiting list in the order that requests arrive. Eligible facilities located in Disadvantaged Communities will have priority on the waiting list.
7. Eligible facilities can contact the District to request one or more air cleaners during or before expected wildfire smoke impacts. Once this Form is completed and approved by the District, the requested air cleaner(s) will be available for pick up or delivery (subject to staff availability).
8. Once wildfire smoke impacts are no longer expected, the equipment will either be picked up by District staff or returned by the participant.

CLEAN AIR CENTER PROGRAM PARTICIPANT INFORMATION

Organization / Facility Name

Physical Address

City

State

Zip Code

Contact Name / Title

Phone Number: _____ Email _____

Regular business hours open to the public:

Approximate number of public visitors per day: _____

Number of portable air cleaners requested (each designed for 2,500 sq. ft.): _____

Do you plan to advertise your participation in the Clean Air Center Program (the District can provide a Clean Air Center Program logo)?

No: _____

Yes: _____

If yes, where will you provide outreach (example: social media, signage, etc.): _____

APPLICANT CERTIFICATION:

I certify the following:

- a. I understand that the Clean Air Center Program is subject to State requirements contained in the “Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program Guidelines” <https://ww2.arb.ca.gov/our-work/programs/wildfire-smoke-clean-air-center-grant/grant-guidelines>.
- b. I understand that participating facilities must allow free public access to spaces served by District air cleaners during regular business hours for the duration of the equipment loan term.
- c. I understand that air cleaners should be operational during regular business hours throughout the term of the equipment loan and wildfire smoke impacts.
- d. All locations where portable air cleaners will be temporarily installed are reasonably secure and in compliance with all Local, State, and Federal regulations and/or requirements.
- e. I understand that portable air cleaners are the property of the District and shall be returned or prepared for pickup once additional wildfire smoke impacts are no longer expected.
- f. I understand that portable air cleaners shall not be moved to another facility without consent from the District.
- g. I understand that the District shall be notified as soon as possible if portable air cleaners become lost, damaged, inoperable, or defective.
- h. The District does not warranty any devices loaned under this Program, including, but not limited to, the quality or functionality of the device.
- i. Indemnification: The participating facility shall indemnify, defend, and hold the District, CARB, CAPCOA, and their respective officers, employees, agents, volunteers, and successors-in-interest (“Indemnified Parties”) 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 Program except to the extent such liability, loss, expense, attorneys’ fees, or claims for injury or damages are solely caused by or result from the negligent or intentional acts or omissions of the Indemnified Parties.
- j. This Participation Form will be treated in accordance with Public Records Act requirements. Certain information, subject to those requirements, may be publicly disclosed.

Applicant Name (Print): _____

Applicant Title (Print): _____

Applicant Signature: _____

Date: _____

Approved by Butte County Air Quality Management District

Approved by: _____

Date: _____

Attachment F

Mitigation Plan Submittal Support Documentation

**Public Notice
Written Comments
Response to Written Comments
Board Resolution**

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Butte County Air Quality Management District (DISTRICT) Governing Board will hold a public hearing to consider adoption of a Mitigation Plan to Reduce the Impacts of Wildfire Smoke in Butte County, California. This Mitigation Plan is a requirement of the United States Environmental Protection Agency because of frequently recurring exceptional events of the same type and pollutant (wildfire smoke) in Butte County between 2018 and 2020.

The time, date, and location of the public workshop and hearing are given below:

- Public Workshop: Thursday, November 16, 2023, at 10:00 a.m., Butte County Air Quality Management District, 629 Entler Ave, Suite #15, Chico, CA and via Zoom.
- Public Hearing to Consider Adoption: Thursday, December 7, 2023, at 10:00 a.m., Butte County Association of Governments, 326 Huss Ln, Suite 100, Chico CA, and via Zoom.

The proposed Mitigation Plan may be reviewed at the District office at the address below or on the District website: www.bcaqmd.org. For additional information, including Zoom instructions, please contact Jason Mandly at (530) 332-9400, ext. 108 or jmandly@bcaqmd.org. Written comments on the proposed Mitigation Plan must be submitted by December 6, 2023 to: Board Clerk, Butte County Air Quality Management District, 629 Entler Avenue, Suite 15, Chico, CA 95928.

DATED: November 6, 2023

By: Stephen Ertle
AIR POLLUTION CONTROL OFFICER

**RESOLUTION 2023-19
BEFORE THE BOARD OF DIRECTORS OF
BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT
STATE OF CALIFORNIA**

APPROVE MITIGATION PLAN TO REDUCE THE IMPACTS OF WILDFIRE SMOKE IN BUTTE COUNTY, CA

Resolution 2023-19)
Approve Mitigation Plan to Reduce the Impacts.....)
Of Wildfire Smoke in Butte County, CA.....)

WHEREAS, Butte County was impacted by frequently recurring exceptional events (wildfire smoke) between 2018 and 2020;

AND WHEREAS, the United States Environmental Protection Agency (US EPA) notified the Butte County Air Quality Management District (District) and the California Air Resources Board (CARB) that Butte County, California is subject to the mitigation plan requirements in the 2016 Exceptional Events Rule, codified at 40 CFR 51.930;

AND WHEREAS, the Exceptional Events Rule requires a mitigation plan to be submitted to the US EPA Regional Administrator within two years of notification;

AND WHEREAS, the District developed the proposed mitigation plan by summarizing how the District provides public notification and education programs for affected or potentially affected communities, how the District identifies and implements mitigating measures, and how the District periodically reviews and evaluates the mitigation plan;

AND WHEREAS, the District has made public notice of and held a public workshop meeting on the proposed mitigation plan;

THEREFORE, BE IT RESOLVED, that the Butte County Air Quality Management District Board hereby approves the proposed mitigation plan with documentation of any comments brought forth by the public during public hearing and incorporation of any edits approved by the Board after public hearing.

On Motion of _____, Seconded by _____, the foregoing resolution is hereby PASSED AND ADOPTED by the Air Quality Management District Board of Directors on this 7th day of December, 2023 by the following:

- AYES:
- NOES:
- ABSTAIN:
- ABSENT:

Stephen Ertle, Air Pollution Control Officer
Butte County Air Quality Management District

<p>I hereby attest that this is a true and correct copy of the action taken by the Butte County Air Quality Management District Board of Directors on December 7, 2023.</p> <p>ATTEST: _____ Kelly Towne, Clerk of the Governing Board</p>
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TAMI RITTER, CHAIR
Supervisor, District #3

ANGEL CALDERON, VICE CHAIR
Councilmember, Gridley

BILL CONNELLY
Supervisor, District #1

PETER DURFEE
Supervisor, District #2

TOD KIMMELSHUE
Supervisor, District #4

DOUG TEETER
Supervisor, District #5

CHUCK NUCHOLS
Vice Mayor, Biggs

ADDISON WINSLOW
Councilmember, Chico

ERIC SMITH
Vice Mayor, Oroville

ROSE TRYON
Vice Mayor, Paradise

STEPHEN ERTLE
Air Pollution Control Officer

PATRICK LUCEY
Assistant Air Pollution Control Officer

Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Riley Peacock, Air Quality Engineer

Re: **Emissions Inventory Status Report**

ISSUE:

Report on Emissions Inventory for 2022 and give updates on upcoming state and federal requirements for emissions reporting.

ACTION REQUESTED:

None. This item is provided for information and discussion.

Discussion:

Every year by January 31, the District requires each permitted stationary source to submit Production Data reporting for the previous calendar year. The District compiles and evaluates the reported data as part of the annual Emissions Inventory data submittal to CARB each year by July 31 to satisfy the AB2588 Air Toxics "Hot Spots" Emission Inventory Criteria and Guidelines Regulation requirements. The data in the submission to CARB includes Greenhouse Gas, Criteria Air Pollutants, and Toxic Air Pollutant emissions and requires significant staff resources to complete.

Effective on January 1, 2020, CARB developed new guidelines for reporting requirements called "Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants" known as CTR. CTR established additional compounds for tracking to meet the goal of the regulation is for Air Districts to submit more accurate Criteria Air Pollutant and Toxic Air Contaminant emissions data. Beginning in 2023, a 7-year phase in period began which requires Air Districts to collect Production Data for more facility types each year. There are two District groups, A and B, which our District is in Group B. Group A Districts began the phase in requirements for 2022 data, while Group B districts begin the phase in process for 2024 emission data. By 2029, all Districts will be required to collect and report actual emissions data from all stationary sources. Our District already collects emissions data from each stationary source. However, the additional toxics

Agenda Item 7

established in CTR will expand the information collected and resources needed to compile and evaluate the data. These changes will result in submitting more Toxic Air Contaminant data to the State.

EPA has developed a new rule that is similar to CARB's CTR regulation called "Air Emissions Reporting Requirements" known as AERR. AERR will require Districts to report Criteria Air Pollutants and Hazardous Air Pollutants at stationary sources annually by 2027. The purpose for this rule is to improve EPA's collection of emissions data for air quality and risk analyses to identify and solve air quality and exposure issues and ensure communities have the data to understand the environmental risks that may be impacting them. Staff continue to monitor the details and specific requirements that will be triggered by AERR however we do expect additional resources to be needed to meet the requirements.

Attachment: None



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Date of Release: November 30, 2023

Board Consideration: December 7, 2023

To: Butte County Air Quality Management District Board of Directors

From: Stephen Ertle, Air Pollution Control Officer

Staff Contact: Stephen Ertle, Air Pollution Control Officer

Re: **APCO Report**

ISSUE:

Report from the Air Pollution Control Officer on current areas of potential interest to your Board, including air-quality related activities at the local, State, and Federal scenes.

ACTION REQUESTED:

None. This item is provided for information and discussion.

Discussion:

The Air Pollution Control Officer will provide a verbal report to the Board.

Attachment:

None

Agenda Item 8

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BCAQMD ACRONYM REFERENCE

Updated Oct. 2015

-Board of Director's Meeting -

Summarized below are acronyms commonly used in Board folders and accompanying staff reports.

A/C	Authority to Construct Permit
AB	Assembly Bill
AMOS	Automatic Meteorological Observation Stations
AP-42	EPA technical reference specifying specific Air Pollutant Emission Factors
APCD	Air Pollution Control District
APCO	Air Pollution Control Officer
AQMD	Air Quality Management District
ATCM	Airborne Toxic Control Measure
AQI	Air Quality Index
BACT	Best Available Control Technology
BAM	Beta Attenuation Monitor (records hourly ambient particulate data)
BCAG	Butte County Association of Governments
BCAQMD	Butte County Air Quality Management District
BCC	Sacramento Valley Basinwide Air Pollution Control Council
BOS	Board of Supervisors
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAP	Climate Action Plan
Cal-EPA	California Environmental Protection Agency
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CARPA	California Air Response Planning Alliance
CBYL	Check Before You Light
Cd	Chemical symbol for cadmium
CEQA	California Environmental Quality Act
CI	Compression Ignition
CO	Chemical symbol for carbon monoxide
CO2	Chemical symbol for carbon dioxide
CPA	Certified Public Accountant
CPI	Consumer Price Index
CSAC	California State Association of Counties
CUA	Chico Urbanized Area
DMV	Department of Motor Vehicles
DTSC	California Department of Toxic Substance Control
EG	Emission Guidelines
EI	Emission Inventory
Emfac	Emission Factor Computer Model
EPA	Environmental Protection Agency (Federal)
ERC	Emission Reduction Credit
ESA	Endangered Species Act
EVR	Enhanced Vapor Recovery
FIP	Federal Implementation Plan
FRM	Federal Reference Method
FY	Fiscal Year (June 30-July 1, unless otherwise stated)
GASB	Governmental Accounting Standards Board
GDF	Gasoline Dispensing Facilities
GFOA	Governmental Finance Officers Association
GHG	Greenhouse Gases
GWP	Global Warming Potential
HAP	Hazardous Air Pollutants
HCl	Hydrochloric Acid
Hg	Chemical symbol for mercury
HRA	Health Risk Assessments
HSC	Health & Safety Code
ICE	Internal Combustion Engine

BCAQMD ACRONYM REFERENCE

Updated Oct. 2015

-Board of Director's Meeting -

ISD	In-Station Diagnostics
ISR	Indirect Source Review
LESB	Lower Emission School Bus program
Mb	Millibar
Mg/Yr	Milligrams per year
Micron	Abbreviation of Micrometer or 1,000,000th of a meter in size
MPO	Metropolitan Planning Organization
Msl	Mean sea level
MMT CO2	Million Metric Tons of Carbon Dioxide equivalent emissions
MSW	Municipal Solid Waste
NAAQS	National Ambient Air Quality Standard
NACAA	National Association of Clean Air Agencies
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NMOC	Non-Methane Organic Compound
NON	Notice of Noncompliance
NOx	Oxides of Nitrogen
NSPS	New Source Performance Standards
NSR	New Source Review
NTA	Notice to Apply for a Permit
NTC	Notice to Comply
OEHHA	California Office of Environmental Health Hazard Assessment
OAL	Office of Administrative Law
ORVR	Onboard Refueling Vapor Recovery
Pb	Chemical symbol for lead
PERP	Portable Equipment Registration Program
PM	Particulate Matter
PM 10-2.5	Particulate Matter 10 Microns in Size and smaller, but greater than 2.5 Microns
PM10	Particulate Matter 10 Microns in Size and smaller
PM2.5	Particulate Matter 2.5 Microns in Size and smaller
PSD	Prevention of Significant Deterioration
RACT	Reasonably Available Control Technology
RICE	Reciprocating Internal Combustion Engine
RCRC	Regional Council of Rural Counties
RRF	Relative Reduction Factor
RSD	Remote Sensing Device
SB	Senate Bill
SDRMA	Special District Risk Management Authority
SF	Square Foot
SIC	Standardized Industrial Classification
SIP	State Implementation Plan
SLCP	Short-lived Climate Pollutant
SO2	Chemical symbol for sulfur dioxide
SSI	Size Selective Inlet (applies to particulate samplers)
TAC	Technical Advisory Committee of the BCC
TARMAC	CAPCOA Toxics and Risk Managers Committee
TEIP	Toxic Emission Inventory Plan
TEIR	Toxic Emission Inventory Report
Title 17	California Code of Regulations, Administrative Law adopted by the California Air Resources Board, and referencing in this Board folder the Agricultural burn guidelines
ug/m3	Micrograms per cubic meter
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
VEE	Visible Emission Evaluation Certification
VOC	Volatile Organic Compound
WUI	Wildland Urban Interface
YTD	Year to Date