



## Clean Air Coalition (CAC) | Agenda

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11:30 am, or upon adjournment of CAPCOG Executive Committee (whichever is later) Wednesday,  
February 14, 2024  
CAPCOG Lantana Room  
6800 Burleson Road, Building 310, Suite 155  
Austin, TX 78744

Commissioner Mel Hamner, *Bastrop County*  
Commissioner B.J. Westmoreland, *Caldwell County*  
Council Member Paige Ellis, *City of Austin*  
Vacant, *City of Bastrop*  
Council Member Kevin Hight, *City of Bee Cave*  
Council Member Evan Ture, *City of Buda*  
Council Member Heather Jeffs, *City of Cedar Park*  
Commissioner Walt Smith, *Hays County*  
VACANT, *City of Hutto*  
VACANT, *City of Georgetown*

Council Member Robert Rizo, *City of Kyle*  
Council Member Kelly Brynteson, *City of Lakeway*  
Council Member Esme Mattke Longoria, *City of Leander*  
Mayor Lew White, *City of Lockhart*  
VACANT, *City of Luling*  
Council Member Ceasar Ruiz, *City of Pflugerville*  
Council Member Hilda Montgomery, *City of Round Rock*  
Mayor Jane Hughson, *City of San Marcos*  
Commissioner Ann Howard, *Travis County*  
Commissioner Terry Cook, *Williamson County*

**1. Welcome and Introductions**

**2. Public Comments (3 minutes per speaker)**

**3. ACTION ITEM: Officer Elections**

City of Round Rock Council Member Matt Baker

**4. ACTION ITEM: Approve August 9, 2023, Meeting Minutes**

2024 Clean Air Coalition Chair

**5. ACTION ITEM: Approve CAPCOG Air Quality Program Scope of Work Revision**

Anton Cox, CAPCOG Air Quality Program Manager

**6. ACTION ITEM: Approve Local Air Quality Funding Calculation Revision**

Anton Cox, CAPCOG Air Quality Program Manager

**7. Discussion of 2024 Fine Particulate Matter National Ambient Air Quality Standard Revision**

Anton Cox, CAPCOG Air Quality Program Manager

**8. Presentation on Mobile Air Quality Monitoring Project**

Jimmy Floyd, University of Houston Research Associate Professor

**9. Other Business and Adjournment**



## Clean Air Coalition (CAC) | Minutes

11:30 am, or upon adjournment of CAPCOG Executive Committee (whichever is later) Wednesday,  
November 8, 2023  
CAPCOG Lantana Room  
6800 Burleson Road, Building 310, Suite 155  
Austin, TX 78744

### PRESENT (11):

Council Member Matt Baker, *City of Round Rock*, **Chair**  
Council Member Paige Ellis, *City of Austin*, **1<sup>st</sup> Vice Chair**  
Ms. Connie Schroeder, *City of Bastrop*  
Commissioner Mel Hamner, *Bastrop County*  
Council Member Kevin Hight, *City of Bee Cave*  
Commissioner B.J. Westmoreland, *Caldwell County*  
Council Member Heather Jefts, *City of Cedar Park*  
Commissioner Walt Smith, *Hays County*  
Mayor Lew White, *City of Lockhart*  
Mayor Jane Hughson, *City of San Marcos*  
Commissioner Terry Cook, *Williamson County*

### ABSENT (6):

Mayor Pro Tem Evan Ture, *City of Buda*  
VACANT, *City of Hutto*  
VACANT, *City of Georgetown*  
Council Member Bear Heiser, *City of Kyle*  
Mayor Thomas Kilgore, *City of Lakeway*  
Council Member Esme Mattke Longoria, *City of Leander*  
VACANT, *City of Luling*  
Mayor Pro Tem Doug Weiss, *City of Pflugerville*  
Judge Andy Brown, *Travis County*

#### 1. Welcome and Introductions by City of Round Rock Council Member Matt Baker, Chair

Chair Baker commenced the meeting at 11:51 a.m.

#### 2. Public Comments (3 minutes per speaker)

No public comments were needed/available.

#### 3. ACTION ITEM: Approve August 9, 2023, Meeting Minutes

City of Round Rock Council Member Matt Baker, Chair

Motion to pass meeting minutes by Mayor Hughson, seconded by Council Member Ellis. Motion carried.

#### 4. ACTION ITEM: Approve PM<sub>2.5</sub> Monitoring Site Selection

Ramon Zarate, CAPCOG Air Quality Program Specialist

Mr. Zarate presented the Site Selection via a power point presentation. Commissioner Smith asked if the Dripping Springs site was located at a school and Mr. Zarate stated "yes". Chair Baker also indicated that the selected sites were good locations, but wanted to know what factors were considered when selecting the Pflugerville area. Mr. Cox responded that a blend of health and social vulnerability, exposure, and geography were used along with public comments from the survey conducted. Chair Baker asked board members for approval, Mayor Hughson made the motion to pass, and Council Member Ellis seconded. Motion carried.

#### 5. Presentation on the Regional Compliance with National Ambient Air Quality Standards (NAAQS)

Anton Cox, CAPCOG Air Quality Program Manager

Mr. Cox presented a power point presentation on Regional Compliance with National Ambient Air Quality Standards and informed the board that TCEQ was scheduled to present today but due to conflicts, TCEQ would have to defer to the next quarterly meeting for their presentation. Chair Baker requested and agreed that TCEQ was needed to present also. Ms. Schroeder asked what would happen to an entity if a designation status was challenged in court – would the present designation be put on hold or would it remain as is per EPA. Mr. Hoekzema responded that the designation would remain as presented by EPA.

**6. ACTION ITEM: Approve CAPCOG’s 2024 Air Quality Work Plan**

Anton Cox, Air Quality Program Manager

Mr. Cox presented the new 2024 Air Quality Work Plan. Mr. Cox stated that the new plan called for omitting the need to follow legislative tracking and Commissioner Smith responded that even though the legislator is not in a regular session, bills for the next session are being filed. Commissioner Smith also asked if invoices could be sent earlier (possibly March and April) to the cities/counties to give sufficient budget preparation time. Council Member Ellis also noted that invoice paperwork was needed earlier. Mr. Hoekzema reassured the board that specific time frames could be adjusted for individual cities/counties if necessary. Mayor Hughson made a motion to pass and was seconded by Commissioner Smith. Chair Baker announced that the motion was carried out.

**7. Presentation on CAPCOG Air Quality Programmatic Updates**

Anton Cox, CAPCOG Air Quality Program Manager & Ramon Zarate, CAPCOG Air Quality Program Specialist

Mr. Anton Cox provided an update on the following topics:

- CAPCOG Air Quality Staffing
- Monitoring Data Review
- NAAQS Updates
- Legislative Updates
- CAPCOG Air Quality Technical Projects and Reports
- Air Quality Awareness Survey

Mr. Ramon Zarate provide an update on the following topics:

- Outreach and Education

Chair Baker asked if the Purple Air monitors were being distributed out to youth groups or were the youth groups requesting the monitors. Mr. Cox responded that most of the monitors were referred from other entities knowing of others that might be interested in utilizing those monitors. Chair Baker reminded CAPCOG that their appointments on board (specifically himself) could be used as a networking contact to enhance the use of the Purple Air monitors. Mayor Hughson asked what the inspection and maintenance was being referred to earlier. Mr. Cox informed her that it was based on vehicles.

**8. Other Business and Adjournment**

Chair Baker adjourned the meeting at 1:37 p.m.



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## MEMORANDUM

### February 14, 2024

**TO:** Clean Air Coalition

**FROM:** Anton Cox, Air Quality Program Manager

**RE:** Scope of Work Revisions

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CAPCOG is seeking approval from the Clean Air Coalition (CAC) on revisions to CAPCOG's Air Quality Program 2019-2026 Air Quality Scope of Work (SOW). These revisions were previously recommended by the Clean Air Coalition Advisory Committee (CACAC) at the Jan. 25, 2024, CACAC meeting.

#### Revisions to the 2019-2026 Air Quality Scope of Work

The current SOW was developed in 2019 before the CAC adopted PM<sub>2.5</sub> as a pollutant of concerns in 2021 and before the region went out of compliance of the Ozone (O<sub>3</sub>) National Ambient Air Quality Standard (NAAQS) in 2023. These occurrences have made it more difficult to fit new projects that the CAC would like CAPCOG to work on into the current SOW, including PM<sub>2.5</sub> planning, distribution PM sensors, working on emissions reduction strategy analysis, and more. CAPCOG anticipates that this issue will only become more pronounced as time goes on, so to reduce this fiction CAPCOG is seeking approval from the CAC to revise the current SOW.

Current Tasks in the SOW and the CACAC's recommended revisions:

- **Clean Air Coalition Support:** ongoing support for the CAC and the CACAC.
  - o **CACAC Recommended Revisions:** None
- **Technical Assistance to CAC Members:** provide technical assistance to CAC members to implement emission reductions, including workshops/webinars, grant application assistance, coordination of regional grant applications, and templates and other resources for implementation of emission reduction measures.
  - o **CACAC Recommended Revisions:** None
- **Outreach and Education Activities:** involves air quality outreach and education activities carried out by CAPCOG specifically including maintaining the Air Central Texas program, staffing events, recruitment of new CAC members, air quality advertising, and outreach to media and meteorologist.
  - o **CACAC Recommended Revisions**<sup>1</sup>:

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<sup>1</sup> Outreach suggestions were developed in collaboration with the CACAC Outreach and Education Subcommittee.

- Remove references to Commute Solutions program and replace with outreach to commuters.
  - Add creation of messaging communications that CAC members can use in their communities.
  - Add outreach to environmental justice communities.
  - Add outreach to Spanish speaking communities.
  - Add outreach to healthcare specialist.
  - Add collaboration with other organizations promote air quality initiatives.
  - Add support of environmental education to children and young adults.
- **Annual Air Quality Report:** preparing CAPCOG’s annual air quality report, which summarizes the region’s air quality data from the previous year, the status of the implementation of the emission reductions within the region, and other information relevant to tracking the region’s progress in implementing the regional air quality plan.
  - **CACAC Recommended Revisions:**
    - **Add additional years to the task.**
- **Ozone Monitoring:** conducting ozone and meteorological monitoring at eight continuous air monitoring stations (CAMS) throughout the region. **(Task is primarily funded by TCEQ and EPA grants)**
  - **CACAC Recommended Revisions:**
    - Update task to reference air quality monitoring rather than just ozone monitoring so that PM monitoring and O<sub>3</sub> precursors, i.e., Nitrogen Oxides (NO<sub>x</sub>) and Volatile Organic Compounds (VOC) can be incorporated into this task.
    - Remove specific references to eight ozone monitors since CAPCOG is currently operating more than eight ozone monitors and it may be possible to establish more.
- **Monitoring Data Analysis:** annual analysis of the air pollution and meteorological data collected in the previous year and compare these data to data collected in prior years.
  - **CACAC Recommended Revisions:** None
- **Emissions, Control Strategy, and Air Quality Modeling Analysis:** analyze emissions and air quality modeling data relevant to ongoing regional air quality planning. **(Task is primarily funded by TCEQ grant)**
  - **CACAC Recommended Revisions:** None
- **Other Studies and Planning Activities:** research and planning activities as directed by the CAC.
  - **CACAC Recommended Revisions:** None
- Additional Revisions:
  - Removing the Resource section since it references a single year’s funding rather than resources for the entire SOW period. Yearly resources are and will continue to be in the annual work plans.

# Capital Area Council of Governments Scope of Work for Support of the 2019- 2026 Austin-Round Rock-Georgetown MSA Regional Air Quality Plan

Originally Approved by the Clean Air Coalition on February 13, 2019

Extended by the Clean Air Coalition on November 9, 2021

This scope of work (SoW) identifies the tasks that the Capital Area Council of Governments (CAPCOG) intends to carry out in support of the 2019-2026 Austin-Round Rock-Georgetown Metropolitan Statistical Area (MSA) Regional Air Quality Plan adopted by the Central Texas Clean Air Coalition (CAC). Tasks in this SoW relate to specific roles that the Plan anticipates for CAPCOG throughout the term of the Plan and are described in a general manner in order to broadly describe these activities in any given year. In the fall of each year, after the level of resources that will be available for the fiscal year is confirmed, CAPCOG will prepare a more specific work plan for the following year for approval by the CAC. CAPCOG will provide annual reports to the CAC on the use of local air quality funding by CAPCOG's Air Quality Program.

## **Task 1: Clean Air Coalition Support**

This task involves ongoing CAPCOG support for the CAC and the CAC Advisory Committee (CACAC). The CAC is the region's umbrella organization for regional air quality planning among cities, counties, and other regional stakeholders, including private industry. The CACAC provides technical and policy advice to the CAC on air quality issues. This support includes:

- Preparation of agendas and supporting materials for CAC and CACAC meetings;
- Presenting information at CAC and CACAC meetings;
- Researching issues at the request of the CAC and CACAC;
- Providing periodic updates on air quality issues to the CAC and CACAC through newsletters and other communications;
- Logistical support for CAC and CACAC meetings, including recording meeting minutes and maintaining committee records;
- Coordinating appointments to the CAC and CACAC;
- Briefing new members of the CAC and CACAC on air quality issues;
- Participation in air quality-related work groups on behalf of the region; and
- Preparation and submission of comment letters, resolutions, and other documents related to policy advocacy undertaken by the CAC and CACAC.

Expected outputs include:

- Monthly air quality newsletters;

- At least four regularly scheduled CAC meetings each year;
- At least four regularly scheduled CACAC meetings each year; and
- An annual work plan to be approved by the CAC by December 31 of the prior year.

## **Task 2: Technical Assistance to CAC Members to Implement Emission Reduction Measures**

Under this task, CAPCOG will provide technical assistance to CAC members to implement emission reductions identified in the region's 2019-2026 air quality plan. This includes identifying best practices for implementing emission reduction commitments that an organization has made, analyzing operational data provided by an organization, identifying opportunities to maximize emission reductions, and assisting organizations with securing the funding and training needed to implement emission reduction measures.

Expected outputs include, at a minimum:

- Periodic workshops;
- Grant application assistance;
- Coordination of regional grant applications; and
- Templates and other resources for implementation of emission reduction measures.

## **Task 3: Outreach and Education Activities**

This task involves air quality outreach and education activities carried out by CAPCOG. This includes:

- Maintaining the AirCentralTexas.org website;
- Maintaining AirCentralTexas.org social media accounts;
- Staffing at air quality outreach events;
- Institutional outreach and recruitment of new Clean Air Coalition supporting members;
- Outreach to the media and meteorologists;
- Air quality advertising; and
- In-kind support for the Commute Solutions program, if necessary.

CAPCOG staff will provide periodic reports on its outreach activities as requested by the CAC.

## **Task 4: Annual Air Quality Report**

This task involves preparing CAPCOG's annual air quality report, which summarizes the region's air quality data from the previous year, the status of the implementation of the emission reductions within the region, and other information relevant to tracking the region's progress in implementing the regional air quality plan. This report provides an important tool for documenting the region's efforts to EPA and TCEQ, and to provide accountability among CAC members on implementation of commitments.

Expected outputs include:

- Annual air quality reports covering calendar years 2019, 2020, 2021, and 2022

## **Task 5: Ozone Monitoring**

Under this task, CAPCOG will conduct ozone and meteorological monitoring at eight continuous air monitoring stations (CAMS) throughout the region in accordance with the 2019-2026 monitoring plan approved by the CAC in May 2018. Activities funded under this task will include:

- Relocation of any monitoring equipment if recommended in the 2019-2026 monitoring plan;
- Preventative maintenance activities;
- Regular equipment calibrations;
- Equipment rental or replacement;
- Incidental equipment repair costs and supply costs;
- Provision of utilities to each station;
- Licenses to use TCEQ's LEADS data system to host and display monitoring data;
- Reporting data to TCEQ's LEADS system and EPA's AirNow system;
- Data validation activities;
- Monthly reports on from CAPCOG's contractor; and
- An annual report summarizing monitoring activities and comparison of performance to data quality objectives in CAPCOG's Quality Assurance Project Plan (QAPP).

CAPCOG's primary data objectives are based on EPA's most recent ambient air monitoring guidance for ozone monitoring:

- Collection and validation of at least 75% of all possible hourly ozone, wind speed, wind direction, temperature, and humidity measurements each month from March 1 through November 15 each year;
- Ozone measurements to remain within 7% of reference measurements during monthly calibrations. These performance goals are consistent with EPA's most recent ambient air monitoring guidance for ozone monitoring.

Expected outputs include:

- Hourly, quality-assured ozone, wind speed, wind direction, temperature, and relative humidity data reported to TCEQ's LEADS system and EPA's AirNow system from eight CAPCOG monitoring stations; and
- An annual monitoring report documenting monitoring activities completed that year and a comparison of performance to data quality objectives.

## **Task 6: Monitoring Data Analysis**

Under this task, CAPCOG will perform an annual data analysis of the air pollution and meteorological data collected in the previous year and compare these data to data collected in prior years. This will help identify the conditions that were most likely to lead to high air pollution levels, whether these conditions were more or less likely to occur in the previous year compared to prior years, and whether there were any specific emissions-related or meteorological-related explanations for any deviations from what has been typical for the prior years. This analysis will help provide a better understanding of the extent to which local emission reduction efforts impacted ambient air pollution concentrations.

Expected outputs include:

- An annual air monitoring data analysis report; and



- Accompanying spreadsheets.

### **Task 7: Emissions, Control Strategy, and Air Quality Modeling Analysis**

Under this task, CAPCOG will analyze emissions and air quality modeling data relevant to ongoing regional air quality planning. This includes:

- Reviewing point source emissions inventory data reported by the facilities;
- Review mobile source emissions inventory data prepared by EPA, TCEQ, or others;
- Review studies and technical reports related to emissions and control strategies;
- Review of air quality modeling analyses conducted by EPA, TCEQ, and others;
- Refinement of emissions estimates for key sources, where appropriate;
- Analyzing trends in changes in emissions over time;
- Assessing the level of control current emission reduction measures are achieving;
- Estimating the ambient air quality impact of various emissions control and growth scenarios; and
- Estimation of costs and benefits of implementing various control strategies.

Expected outputs include:

- Memos summarizing emissions, control strategy, and modeling analyses completed;
- Reports documenting any emissions inventory refinement, control strategy assessments, or impact assessments completed.

### **Task 8: Other Studies and Planning Activities**

This task involves other research and planning activities as directed by the CAC. Examples projects in this category include:

- Preparation of an annual work plan for approval by the CAC that provides further definition to activities that will be carried out by CAPCOG in the following year;
- Analysis of the health, environmental, and social impacts of regional air pollution;
- Analysis of the potential economic and regulatory impacts of non-compliance with air quality standards; and
- Development of air quality plans.

### **Resources**

This scope of work is being carried out during FY 2020 with approximately \$430,000, with contributions from 22 different local governments providing the necessary funding. CAPCOG will prepare an updated estimate of the annual funding needed to carry out this scope of work during the first quarter of each year ahead of funding requests submitted to local governments for the following year, based on any changes in costs of goods and services and each jurisdiction's population in accordance with the funding formula CAPCOG has used for FY 2018-2020.

# Capital Area Council of Governments Scope of Work for Support of the 2019- 2026 Austin-Round Rock-Georgetown MSA Regional Air Quality Plan

Originally Approved by the Clean Air Coalition on February 13, 2019

Extended by the Clean Air Coalition on November 9, 2021

[Revised by the Clean Air Coalition on February 14, 2024](#)

This scope of work (SoW) identifies the tasks that the Capital Area Council of Governments (CAPCOG) intends to carry out in support of the 2019-2026 Austin-Round Rock-Georgetown Metropolitan Statistical Area (MSA) Regional Air Quality Plan adopted by the Central Texas Clean Air Coalition (CAC). Tasks in this SoW relate to specific roles that the Plan anticipates for CAPCOG throughout the term of the Plan and are described in a general manner in order to broadly describe these activities in any given year. In the fall of each year, after the level of resources that will be available for the fiscal year is confirmed, CAPCOG will prepare a more specific work plan for the following year for approval by the CAC. CAPCOG will provide annual reports to the CAC on the use of local air quality funding by CAPCOG's Air Quality Program.

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- Coordinating appointments to the CAC and CACAC;
- Briefing new members of the CAC and CACAC on air quality issues;
- Participation in air quality-related work groups on behalf of the region; and
- Preparation and submission of comment letters, resolutions, and other documents related to policy advocacy undertaken by the CAC and CACAC.

Expected outputs include:

CAPCOG 2019-2026 Air Quality Program Scope of Work

- Monthly air quality newsletters;
- At least four regularly scheduled CAC meetings each year;
- At least four regularly scheduled CACAC meetings each year; and
- An annual work plan to be approved by the CAC by December 31 of the prior year.

### Task 2: Technical Assistance to CAC Members to Implement Emission Reduction Measures

Under this task, CAPCOG will provide technical assistance to CAC members to implement emission reductions identified in the region’s 2019-2026 air quality plan. This includes identifying best practices for implementing emission reduction commitments that an organization has made, analyzing operational data provided by an organization, identifying opportunities to maximize emission reductions, and assisting organizations with securing the funding and training needed to implement emission reduction measures.

Expected outputs include, at a minimum:

- Periodic workshops;
- Grant application assistance;
- Coordination of regional grant applications; and
- Templates and other resources for implementation of emission reduction measures.

### Task 3: Outreach and Education Activities

This task involves air quality outreach and education activities carried out by CAPCOG. This includes:

- ~~Maintaining the Air Central Texas Program including: org website;~~
  - ~~Social Media Accounts~~
  - ~~Website~~
  - ~~Advertising~~
  - ~~Events and Campaigns~~
- ~~Creation of messaging for Clean Air Coalition members to share with the public;~~
- ~~Outreach to Communities of higher impact or at greater risk:~~
  - ~~Healthcare Specialist~~
  - ~~Media and Meteorologists~~
  - ~~Business and Industry~~
  - ~~Commuters~~
  - ~~Children and young adults~~
  - ~~Environmental Justice Communities~~
  - ~~Spanish Speaking population~~
- ~~Maintaining AirCentralTexas.org social media accounts;~~
- ~~Staffing at air quality outreach events;~~
- Institutional outreach and recruitment of new Clean Air Coalition supporting members;
- ~~Outreach to the media and meteorologists;~~
- ~~Air quality advertising; and~~
- In-kind support for the Commute Solutions program, if necessary.

CAPCOG staff will provide periodic reports on its outreach activities as requested by the CAC.

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#### Task 4: Annual Air Quality Report

This task involves preparing CAPCOG's annual air quality report, which summarizes the region's air quality data from the previous year, the status of the implementation of the emission reductions within the region, and other information relevant to tracking the region's progress in implementing the regional air quality plan. This report provides an important tool for documenting the region's efforts to EPA and TCEQ, and to provide accountability among CAC members on implementation of commitments.

Expected outputs include:

- Annual air quality reports covering calendar years 2019, 2020, 2021, 2022, 2023, 2024, 2025, and 2026~~and 2022~~

#### Task 5: ~~Ozone~~ Monitoring

Under this task, CAPCOG will conduct ~~ozone~~ air pollution and meteorological monitoring at ~~eight~~ continuous air monitoring stations (CAMS) throughout the region in accordance with the 2019-2026 monitoring plan approved by the CAC in May 2018. Activities funded under this task will include:

- Relocation of any monitoring equipment if recommended in the 2019-2026 monitoring plan;
- Preventative maintenance activities;
- Regular equipment calibrations;
- Equipment rental or replacement;
- Incidental equipment repair costs and supply costs;
- Provision of utilities to each station;
- Licenses to use TCEQ's LEADS data system to host and display monitoring data;
- Reporting data to TCEQ's LEADS system and EPA's AirNow system;
- Data validation activities;
- Monthly reports on from CAPCOG's contractor; and
- An annual report summarizing monitoring activities and comparison of performance to data quality objectives in CAPCOG's Quality Assurance Project Plan (QAPP).

CAPCOG's primary data objectives are based on EPA's most recent ambient air monitoring guidance for ozone monitoring:

- Collection and validation of at least 75% of all possible hourly ~~ozone~~ pollutant, wind speed, wind direction, temperature, and humidity measurements each month from March 1 through November 15 each year;
- Ozone measurements to remain within 7% of reference measurements during monthly calibrations. These performance goals are consistent with EPA's most recent ambient air monitoring guidance for ozone monitoring.

Expected outputs include:

- Hourly, quality-assured ~~ozone~~ pollutant, wind speed, wind direction, temperature, and relative humidity data reported to TCEQ's LEADS system and EPA's AirNow system from ~~eight~~ all CAPCOG monitoring stations; and
- An annual monitoring report documenting monitoring activities completed that year and a comparison of performance to data quality objectives.

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### **Task 6: Monitoring Data Analysis**

Under this task, CAPCOG will perform an annual data analysis of the air pollution and meteorological data collected in the previous year and compare these data to data collected in prior years. This will help identify the conditions that were most likely to lead to high air pollution levels, whether these conditions were more or less likely to occur in the previous year compared to prior years, and whether there were any specific emissions-related or meteorological-related explanations for any deviations from what has been typical for the prior years. This analysis will help provide a better understanding of the extent to which local emission reduction efforts impacted ambient air pollution concentrations.

Expected outputs include:

- An annual air monitoring data analysis report; and
- Accompanying spreadsheets.

### **Task 7: Emissions, Control Strategy, and Air Quality Modeling Analysis**

Under this task, CAPCOG will analyze emissions and air quality modeling data relevant to ongoing regional air quality planning. This includes:

- Reviewing point source emissions inventory data reported by the facilities;
- Review mobile source emissions inventory data prepared by EPA, TCEQ, or others;
- Review studies and technical reports related to emissions and control strategies;
- Review of air quality modeling analyses conducted by EPA, TCEQ, and others;
- Refinement of emissions estimates for key sources, where appropriate;
- Analyzing trends in changes in emissions over time;
- Assessing the level of control current emission reduction measures are achieving;
- Estimating the ambient air quality impact of various emissions control and growth scenarios; and
- Estimation of costs and benefits of implementing various control strategies.

Expected outputs include:

- Memos summarizing emissions, control strategy, and modeling analyses completed;
- Reports documenting any emissions inventory refinement, control strategy assessments, or impact assessments completed.

### **Task 8: Other Studies and Planning Activities**

This task involves other research and planning activities as directed by the CAC. Examples projects in this category include:

- Preparation of an annual work plan for approval by the CAC that provides further definition to activities that will be carried out by CAPCOG in the following year;
- Analysis of the health, environmental, and social impacts of regional air pollution;
- Analysis of the potential economic and regulatory impacts of non-compliance with air quality standards; and
- Development of air quality plans.

## CAPCOG 2019-2026 Air Quality Program Scope of Work

### **Resources**

This scope of work is being carried out during FY 2020 with approximately \$430,000, with contributions from 22 different local governments providing the necessary funding. CAPCOG will prepare an updated estimate of the annual funding needed to carry out this scope of work during the first quarter of each year ahead of funding requests submitted to local governments for the following year, based on any changes in costs of goods and services and each jurisdiction's population in accordance with the funding formula CAPCOG has used for FY 2018-2020.



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**BASTROP BLANCO BURNET CALDWELL FAYETTE HAYS LEE LLANO TRAVIS WILLIAMSON**

## **MEMORANDUM**

### **February 14, 2024**

**TO: Clean Air Coalition**

**FROM: Anton Cox, Air Quality Program Manager**

**RE: Local Funding Calculation Revisions**

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CAPCOG is seeking action from the Clean Air Coalition (CAC) on revisions to CAPCOG's air quality program local funding requests. The revision is to simplify the calculation for requesting local air quality funding support, recalibrate our annual funding request total to account for new funding sources that were not available previously, and to account for the loss of funding from Williamson County which CAPCOG does not anticipate will be reinstated for the foreseeable future. The CAC Advisory Committee (CACAC) voted to recommend this new funding calculation to the CAC.

Funding support from local governments participating in the CAC allows CAPCOG to complete tasks in the 2019-2026 Air Quality Scope of Work that are not allowable by other funding sources including supporting the CAC, air quality outreach and education, analysis of monitoring data, and more. Since fiscal year 2021 CAPCOG has requested a total of \$310,000/yr. from local governments. The total funding request was proportionally allocated based on the population of the local government and if they were a city or county. CAPCOG is now proposing to shift from proportional allocations to a fixed rate of **\$0.055** per capita for counties and **\$0.110** per capita for cities. This should generate around **\$285k** in revenue for fiscal year 2025<sup>1</sup>, which is about \$25k below the \$310k we previously requested.

The advantages of this would be:

1. It should be easier for CAC members to budget their local contributions since contributions will only be based on each member's city/county population changes;
2. CAPCOG should be able to send funding request letters and then invoices to contributing members earlier in the year because the funding amounts will no longer be based on the total number of members contributing; and
3. CAPCOG's Air Quality program will receive less funding, however, new funding sources are available to support the program including the new FY 2024-2025 PM<sub>2.5</sub> Rider grant from the state.

Another change CAPCOG is seeking is to no longer carry over unspent funds into the next year to reduce the overall funding request total. This change was requested by the CAC at the November 10, 2023, meeting.

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<sup>1</sup> This does not include a contribution from Williamson County

Table 1. Estimated FY 2025 Air Quality Funding Requests

Entity	Estimated 2023 Population <sup>2</sup>	Estimated FY 2025 Funding	Difference from FY 2024
<b>Bastrop County</b>	109,289	\$6,011	\$247
<b>Caldwell County</b>	49,245	\$2,708	\$111
<b>Hays County</b>	277,086	\$15,240	\$627
<b>Travis County</b>	1,365,167	\$75,084	\$3,086
<b>Williamson County</b>	691,023	\$0	(\$36,444)
<b>City of Austin</b>	997,647	\$109,741	\$4,510
<b>City of Bastrop</b>	10,549	\$1,160	\$47
<b>City of Bee Cave</b>	9,283	\$1,021	\$42
<b>City of Buda</b>	16,110	\$1,772	\$73
<b>City of Cedar Park</b>	81,166	\$8,928	\$367
<b>City of Elgin</b>	10,756	\$1,183	\$48
<b>City of Georgetown</b>	77,828	\$8,561	\$352
<b>City of Hutto</b>	31,793	\$3,497	\$144
<b>City of Kyle</b>	53,352	\$5,869	\$242
<b>City of Lago Vista</b>	9,546	\$1,050	\$43
<b>City of Lakeway</b>	19,797	\$2,178	\$90
<b>City of Leander</b>	69,052	\$7,596	\$312
<b>City of Lockhart</b>	15,091	\$1,660	\$68
<b>City of Luling</b>	5,733	\$631	\$26
<b>City of Pflugerville</b>	68,422	\$7,526	\$309
<b>City of Round Rock</b>	127,663	\$14,043	\$577
<b>City of San Marcos</b>	71,236	\$7,836	\$322
<b>City of Sunset Valley</b>	678	\$75	\$3
<b>City of Taylor</b>	17,362	\$1,910	\$79
<b>MSA Total</b>	N/A	<b>\$285,280</b>	<b>(\$29,915)</b>

<sup>2</sup> Assuming a 3% growth rate for all CAC members. 3% is the regional growth between the 2021 and 2022 Census.