

## MEETING SUMMARY

# AIR QUALITY FORUM

**April 9, 2024**  
**10:00 – 11:30 a.m.**  
**Zoom (not hybrid)**

### **Members and Alternate in Attendance:**

Alicia Daniels	Jodi Gooseman, City of Kansas City, Mo.
Rollin Sachs, Johnson Co. DHE	Blake Butler, KCMO
Allison Smith, KDOT	Michael Cunningham, MoDNR
Carol Adams, KCMO EMC	Dan Williams, KCMO
John Neuberger, Sierra Club	Andrew Savastino, KCMO
Doug Watson, KDHE	Brian Alferman, Johnson County
Hillary Shields, Lee's Summit	Justus Welker, Johnson County
Leena Divakar, KSU (PPI)	Michael Parks, Lee's Summit
Rayan Makarem, Clean Air Now	Wes Minder, Platte County

### **MARC Staff:**

Tom Jacobs, MARC	Doug Norsby, MARC
Kate Ludwig, MARC	Marc Hansen, MARC
Rachel Krause, MARC	Martin Rivarola, MARC
Karen Clawson, MARC	

### **1. Introductions and Determination of Quorum**

### **2. February Meeting Summary\***

The February meeting summary was approved

### **3. Ozone Season Outlook from Weather or Not**

Sullivan Brown from Weather or Not said that the first thing he looks at when developing the seasonal outlook are three different oscillations of the oceans, including El Nino. Additionally, he looks for historical matches that had similar patterns leading into ozone season. This year, these years in 2020, 2010, and 1966. Based on these years, the following are the temperature and precipitation predictions for the season:

- April-May Temperatures predict a seasonable patten locally while the High Plains into Northeast remains cooler.
- April-May Precipitation predicts more troughing toward East Coast, Active pattern expected for many, West Dry.
- June-August Temperatures predict Ridging/warmth build in for Central and Eastern U.S. as heart of Summer arrives.
- June-August Precipitation predicts Dry seasons for many, high plains may see more Active MCS patten.

- September-October Temperatures predict a flip in pattern as head into Fall leading to Central and Northeast temperatures below normal and West Coast having above normal temperatures.
- September-October Precipitation – Despite more troughing, the most active pattern remains near East Coast.

The season will include an active pattern through May which should keep early ozone levels in check. The heart of ozone season will be June-August, which is expected. The MCS (mesoscale convective system) storm potential, especially in June, may limit exceedance potential at times. September and October should usher in quick shut off to elevated ozone concerns as cooler pattern settles in.

#### **4. Drought Outlook – Doug Norsby**

The U.S. Drought Monitor for Missouri Basin reflects an increase in drought and the land area it covers through the 2024 season regarding results from 2021-2023. Normal precipitation is predicted throughout this year. Drought is predicted to develop and expand through West Texas and New Mexico. We need to be mindful of flash drought potential due to soil moisture which can develop in a short period of time. Generally speaking, this season should be relatively light compared to previous years.

#### **5. Air Quality Public Education Campaign**

Nordia Epps presented the annual air quality public education campaign for 2024. The campaign will run from May through October covering the Kansas City region. The budget is \$240,000, 20% of which will be spent targeting a minority audience. The campaign will include the following media:

- Online ads: April-October, including various provider including KC Star, KC Today, TV and Radio groups with targeted images, video, and eBlasts.
- Television: June-August, including ads on all local stations and their sister/digital channels as well as two Spanish stations.
- Audio: All radio groups, top rated channels and streaming audio and radio groups (103 Jamz, 1250am La Super Estacion), Spotify, Pandora, Cumulus, Steel City Media, and Audacy.
- Public Transit: April-October, including signs on RideKC bus shelters and buses
- Billboards: June-August, nine locations covering the KC region for 4-week intervals. Using digital billboards, we can quickly change information for Ozone Alert days.
- Airport Ads: June-August, with digital images rotating throughout 12 baggage claim locations.
- Social media: Facebook, Instagram, YouTube, Snapchat, TikTok, Promote Ozone alert days.
- Sponsorship opportunities: People want to hear messages relating to air quality through sports related radio/TV events where we can provide information regarding AQ.
- Print: June-August, targeting minorities, millennials, and parents.

## 6. New Federal Rules

Karen Clawson shared information about two new federal rules that are of interest to the forum.

### a. Multi-Pollutant Emissions Standards for Model Years 2027 and Later Light-Duty and Medium-Duty Vehicles

This rule impacts light-duty passenger cars and trucks and medium duty vehicles for MY2027-2032 and beyond. In 2023, mobile sources accounted for approximately 54% of NOX emissions, 5% of direct PM2.5 emissions and 23% of volatile organic compound (VOC) emission nationwide. Light-duty vehicles are the largest contributor (58%) to GHG in the transportation sector in the U.S. Manufacturers will determine the mix of vehicles produced in order to comply with the new standard for emissions.

### b. Greenhouse Gas Emissions Standards for Heavy-Duty Vehicles – Phase 3

The rule increased stringency for greenhouse gas emissions for MY2027-2032 and later heavy-duty highway vehicles. Heavy duty vehicles are responsible for 25% of GHG emission in the transportation sector. The final standards increase in stringency at slower pace through MY 2027 to 2030 compared to the proposal, but modeling shows a greater pollution reduction. Manufacturers will determine the mix of vehicles produced in order to comply with the new standard. The EPA estimates that the final rule will avoid nearly 1 billion tons of GHG emission from 2027 to 2055.

## 7. Transportation and Partner Updates

Martin Rivarola said that the Transportation and Environment department has released a call for projects for fiscal year 2027-2028. MARC will collect project information in two phases. Staff have determined that the Congestion Mitigation Air Quality (CMAQ) and the Carbon Reduction (CRP) programs should be coordinated since both programs fund similar types of projects. Staff have setup a work group with members and representatives from a variety of different committees including the Air Quality Forum that will help develop recommendations for our TTPC Committee regarding the best ways of working through a committee process and develop those funding recommendations for CMAQ and CRP. The Air Quality Forum will retain its role in approving CMAQ programming recommendations for TTPC.

### Bike Month

Rachel Krause shared that WAY TO GO is partnering with MARC transportation to coordinate an annual Bike Month campaign in May. This year's theme is "Bikes Connect Us" which you will see through a media campaign using billboards, radio, streaming and social media. The main "hub" for the campaign will be at [MARC.org/bikemonth](https://www.marc.org/bikemonth). This year we will organize a community bike ride on May 25<sup>th</sup> with a local community ride group called Women-led cycling.

### EV Readiness Plan

Karen Clawson said that the EV Readiness Plan kicked off last month with a small team meeting with consultant (WSP). The planning effort should be about six months long. Updates will be forthcoming.

## 8. State Rules in Progress

Alicia Daniels said that there was no rule updates, but that the next MACC meeting was April 25<sup>th</sup>, 2024. MoDNR is working on a presentation regarding the PM2.5 and they submitted an implementation grant application to the EPA for CPRG.

**9. Other Business**

MARC submitted a CPRG implementation grant application to EPA for \$197 million.

**10. Next Meeting – Tuesday, June 11, 2024 at 10:00 a.m.**

**11. Adjourn**