



MECKLENBURG COUNTY

- *Air Quality Commission* -

Monday, June 27, 2022, 11:30 a.m.
Hal Marshall Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, June 27, 2022 at 11:30 a.m. in the Hal Marshall Conference Room, at 2145 Suttle Avenue, Charlotte, NC. The meeting was also broadcast virtually on WebEx.

Air Quality Commission Members Present

*In-Person (I) Virtual (V)

Peter McGrath (I) Gordon Miller (I) Rosa Mustafa (I) Karl Welke(V) Lisa Hooker (I)
Jamie Watts (V) Fern Paterson (I) Aaron Levy (I) Brian Magi (I) Janet Garner-Mullins (I)

Air Quality Commission Members Absent

Billy Powers Marcus Hackler

Mecklenburg County Air Quality Staff Present

Leslie Rhodes Ieshishua Pierce Jason Rayfield Danielle Jones Megan Green Aaron Matijow
Ivonne Hernandez Chuck Greco Sheldon Turner

Guest

Meg Fencil, Sustain Charlotte Harrison Dunn, General Public Marley Peterson, General Public
Greg Twait, General Public

1. Call to Order

Chair McGrath called the meeting to order at 11:31 a.m.

Roll Call of the Air Quality Commission Members

Air Quality Commission Members Present

Peter McGrath Gordon Miller Lisa Hooker Fern Paterson Brian Magi Janet Garner-Mullins
Karl Welke Rosa Mustafa

Jamie Watts joined virtually at 11:34 a.m. and Aaron Levy arrived at 11:35 a.m. after the roll call.

2. Approval of Minutes

Chair McGrath opened the floor for the approval of the May AQC meeting minutes.

Action Taken:

Motion: A motion was made to approve the May AQC meeting minutes as written.

Made: The motion was made by Gordon Miller and seconded by Rosa Mustafa.

Vote: The motion was adopted unanimously by a roll call vote.

Roll Call of the Air Quality Commission Members

Air Quality Commission Members Present

Peter McGrath Gordon Miller Lisa Hooker Fern Paterson Brian Magi Janet Garner-Mullins
Karl Welke Rosa Mustafa Jamie Watts Aaron Levy

3. Public Comments to the Air Quality Commission (AQC)

Action Required: Open Public Comment Period

Chair McGrath, opened the public comment period for the facilities below, providing notice of the Mecklenburg County Air Quality’s (MCAQ) intent to issue/modify their air quality permit(s):

A. Air Quality Permit Reviews

Public comment on the proposed permits will be received at this time. The Air Quality Commission opens public comment for air quality permit reviews per Mecklenburg County Air Pollution Ordinance, Regulation 1.5213 – “Action on Application; Issuance of Permit”. Inclusion on the AQC agenda does not imply or infer any action or opinion by the AQC or its members regarding any permit.

Facility Name	Facility Address	Action Type
84 Lumber Company	6000 Rozelles Ferry Road, Charlotte, NC 28214	Open Public Comment

Jason Rayfield, Permitting Manager, was available to answer questions.

B. General Comments to the Commission

None

4. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

Update on the invitation to visit District 2 with Commissioner Leake

Chair McGrath provided the AQC members with an update on contacting Commissioner Vilma Leake to schedule a tour of the district that she represents to better understand her concerns with auto junkyards. Chair McGrath informed the AQC members that Commissioner Leake declined the tour due to her schedule, however Commissioner Leake requested that the AQC contact the City of Charlotte Code Enforcement about the auto junkyards. It was suggested and agreed upon that the AQC members place this as an agenda item on the July meeting to discuss.

Upcoming GRADE call for projects

Megan Green, Mobile Sources Manager, reminded the AQC members that staff will be opening a GRADE call for projects starting in July to fund both repowered and replacement of heavy-duty diesel vehicles and non-road equipment. Staff will be reaching out to local MWSBE businesses and would like to provide the AQC members with the opportunity to help promote GRADE. Ieshishua Pierce will send out an email announcement for the GRADE call for projects that the AQC members can send out to promote GRADE.

Spring Workshop

Jason provided an update on the Spring Workshop entitled Accidently Prepared-A Workshop on Managing Risk that was held virtually via WebEx on Tuesday, June 14th. There were sixty-one attendees representing thirty-three businesses and feedback from the survey was positive.

Presentations from the events are available online at the MCAQ website.

June Environmental Stewardship Committee meeting

Leslie Rhodes, Air Quality Director informed the AQC members that MCAQ staff presented topics on Air Quality from each of the three sections to the Environmental Stewardship Committee at the June 21st meeting. It was stated that it was a good presentation and there are a few follow-up questions that staff is working on to address.

B. Ozone Formation

Dr. Brian Magi gave a presentation on ground-level ozone. The presentation provided detail on the science of ozone formation focusing on photochemical (ozone) smog. The National Ambient Air Quality Standards (NAAQS) for ozone is 70ppb. Dr. Magi explained that particular matter 2.5 (PM2.5) refers to dangerous particles of pollutants that are less than 2.5 micron in diameter. He discussed the three main types of smog are smoky fog, photochemical (ozone) smog, and particle (PM2.5) smog.

Some highlights from the presentation were as follows:

- Ozone is not emitted by any source it is formed;
- Ozone is only one of the many chemical compounds in a pollution event;
- Ozone forms as a bi-product of chemical reactions among NOx, VOCs, and sunlight;
- NOx and VOC concentrations are dramatically enhanced in cities by mobile sources and “area” sources leads to higher ozone (and PM2.5) depending on the weather.

[Written handout: Ground-level ozone (PowerPoint presentation)]

C. Sustain Charlotte/Charlotte Regional Transportation Coalition

Rev. Janet Garner-Mullins introduced Meg Fencil from Sustain Charlotte. Meg Fencil gave a presentation that provided an overview of who is Sustain Charlotte, the work that they do and some of the initiatives that Sustain Charlotte and Air Quality has collaborated on. Sustain Charlotte mission is to inspire choices that lead to a healthy, equitable and vibrant community for generations to come which is mostly done by focusing on land use and transportation advocacy. Meg discussed how Sustain Charlotte partners with the community including Mecklenburg County, spoke on air quality issues from a land use and transportation perspective looking at both challenges as well as solutions and highlighted the Charlotte Regional Transportation Coalition which Rev. Garner-Mullins currently serves on. Meg discussed ways Sustain Charlotte partner with community as well as highlighting some events that was partnered together with MCAQ.

- Meg started the presentation speaking on the sustainability challenges and showed a graph on Mecklenburg County population growth over the past century. Several slides were shared that highlighted sprawl, loss of trees, polluted creeks and air pollution that produce

challenges from a rapid growing area. Meg highlight the following ten principles of smart growth:

- Mix land uses
- Take advantages of compact design
- Create a range of housing opportunities and choice
- Create walkable neighborhoods
- Foster distinctive, attractive communities with a strong sense of place
- Preserve open space, farmland, natural beauty, and critical environmental areas
- Direct development towards existing communities
- Provide a variety of transportation choices
- Make development decisions predictable, fair, and cost-effective
- Encourage community and stakeholder collaboration in development decisions

[Written handout: Sustain Charlotte (PowerPoint presentation)]

D. Monthly Ozone Summary

Danielle Jones provided the AQC members with an ozone update. The ozone season started March 1st and will run through October 31st. So far in 2022, there has been one exceedance day in Mecklenburg County and two in the region. The current ozone compliance value is 64 ppb. Danielle highlighted the 2022 attainment breakpoint and discussed the Mecklenburg County maximum annual 4th max 8-hr ozone average data that shows ozone trending downward.

[Written handout: Ozone Season Update (dated June 27, 2022)]

Jamie Watts leaves the meeting at 12:30 p.m.

5. Other Business

Rev. Garner-Mullins asked a question concerning the AQC by-laws allowing AQC members attending virtual to vote and if there are current copies of the by-laws that can be shared with the AQC members for review. Chair McGrath provided the AQC members with an update from the County Attorney concerning the follow-up on AQC voting rule adopted unanimously at the May meeting. It was stated guidance from the County Attorney said the action taken is okay to move forward with until the State of Emergency is lifted. Ieshishua will email the AQC members a copy of the AQC by-laws.

6. Next Meeting

July 25, 2022 (in-person w/ virtual meeting option)

7. Adjournment

12:57 p.m.

Air Quality Commission Summary Minutes

Mecklenburg County will comply with the Americans with Disabilities Act (ADA), which prohibits discrimination against people with disabilities. Mecklenburg County will make reasonable accommodations in all programs to enable participation by an individual with a disability who meets essential eligibility requirements. Mecklenburg County programs will be available in an integrated setting for each individual. If accommodations are necessary for participation in any program or services, participants are encouraged to notify staff.