



MECKLENBURG COUNTY - *Air Quality Commission* -

Monday, January 28, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, January 28, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Terry Lansdell	Brian Magi	Gordon Miller
Rosa Mustafa	Fern Paterson	DeAndrea Salvador		

Air Quality Commission Members Absent

Jeff Baker	Jamie Watts	Aaron Levy
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Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Chuck Greco
Kileigh Welshofer	Evan Shaw			

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:36 a.m.

2. Approval of Minutes

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

Action Taken:

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

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

Vote: The motion was adopted unanimously

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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

Facility Name	Facility Address	Action Type
QuikTrip 1010	1134 N Graham Street, Charlotte, NC 28206	Open Public Comment
ABRA Auto Body & Glass – South Blvd 6106	8601 South Boulevard, Charlotte, NC 28273	Information Only
DyStar, LP	8309 Wilkinson Boulevard, Charlotte, NC 28214	Information Only
Red Clay Industries	10306 Industrial Drive, Pineville, NC 28134	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. Fern Paterson asked a question concerning the DyStar LP facility reclassification from Title V to Synthetic Minor class. Terry Lansdell provided comments not specifically related to the QuikTrip 1010 permit application but the language in the City of Charlotte’s Unified Development Ordinance draft consideration for siting gas stations. Terry highlighted that the siting language speaks to the design of the facility with set back requirements for pumps; however, he asked staff to consider clarifications to include Stage 1 venting locations as well. Leslie Rhodes, Air Quality Director, informed Terry that MCAQ accepts the comments and will review them. MCAQ staff will address at the next AQC meeting.

B. General Comments to the Commission
None

4. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

AQ Personnel

Kileigh Welshofer introduced herself to the AQC members. She is the new Environmental Specialist in the Air Monitoring Section.

State Periodic Review of Rules Update

Jason informed the AQC members that the MCAPCO revisions were adopted by the BOCC at their December 18th BOCC meeting. The AQC members were informed that the Group 4 Rules (NC Fugitive Dust, NC Odor, and NC Open Burning Rules) are open for a public comment period that runs through February 15, 2019. There are two public hearings scheduled.

Volkswagen Settlement Funding Update

Megan Green, Mobile Source Program Manager, provided the AQC members with an update on the Volkswagen Settlement Funding. It was previously stated that NCDEQ would open a call for Phase 1 funding projects in Fall 2018; this has been revised to Winter 2019. The Mobile Source Staff are working to identify competitive projects for this region.

Breathing Room Update

The AQC members were informed that MCAQ staff will be participating in the Livable Meck Engagement Café in February for the final input session. The next step will be finalizing a Path Forward. It was stated that there is an Opportunity for Technical Assistance and that MCAQ has asked the EPA for help on quantifying emission reductions for 3 Breathing Room strategies that overlaps; greenway expansion, transit expansion and complete streets development.

BOCC Meeting Update

Chair McGrath provided an update from the December 18th BOCC meeting for the public hearing on MCAPCO revisions where Commissioner Susan Harden requested someone from the AQC to attend. Chair McGrath informed the AQC members of Commissioner Vilma Leake comments about air quality sources in the Brookhill Community.

Leslie informed the AQC members that MCAQ staff has reached out through the County's BOCC Liaison follow up on the concerns and to gain additional details from Commissioner Leake in order to investigate. There was some discussion among the AQC members and it was agreed upon to allow staff to gather more information on Commissioner Leake's concerns and provide recommendations back to the AQC members at a future meeting.

Leslie informed the AQC members that the ability to E-notice Title V permit renewals on MCAQ's Website was adopted in the MCAPCO revisions at the December 18th meeting. The Air Quality Director has taken the AQC members' concerns about the public notice being published on the website only into consideration and has made the decision to publish an abbreviated public notice linking to the E-notice on MCAQ's website in the Charlotte Observer as well.

B. AQC Annual Report to BOCC

The AQC members were asked to provide feedback via email on what they would like the BOCC to know that the AQC did in 2018. Megan provided the AQC members with a list of topics received and there was some discussion among them concerning the format of the Annual Report. It was agreed upon by the AQC members that there should be a written report given to the BOCC as well as a five-minute PowerPoint Presentation that highlights some topics from the written report. The AQC members also agreed upon MCAQ Staff drafting a report for review and discussion at the February meeting. The AQC members were informed that the original timeline provided at the December AQC meeting will be adjusted.

C. FY20 Budget

Leslie informed the AQC members that the County is currently working on the FY20 budget. The BOCC has already reached out to the AQC for preliminary budget input. The AQC members were informed that the FY20 LUESA budget is due to the County Manager's Office by February 13th. Leslie is currently reviewing the AQ budget which will be included in the LUESA budget. A draft copy of the budget will be presented at the February meeting for the AQC endorsement.

5. Other Business

Government Shutdown Effect on Air Quality

Chair McGrath asked Leslie to provide an update on how the Government shutdown has affected the local Air Quality program. It was stated that there has been some delay with the 103 grant funds but no financial burden to the Air Quality program yet. The Ozone Primary Standard must be verified before start of the Ozone Season. A temporary measure has been taken to get our standards verified with the State standards. Jeff Francis, Air Monitoring Program Manager will travel to Athens, Ga to get the Ozone Primary Standard Verified. It was noted that the shutdown does affect Title V permit processing which requires a 45-day review by the EPA for permits; there has been no effect for any Title V permits locally. Leslie informed the AQC members of the process that the State has implemented to address this issue during the shutdown and it was stated that MCAQ will operate under the same process.

Clean Energy

Rosa Mustafa informed the AQC members of a meeting that she attended where there was some discussion on the Sustainable and Resilient Resolution that the Charlotte City Council passed that pledged Charlotte to 100% clean and renewable energy. There has been some outside discussion regarding closing the timeline from 2050 to 2030 if possible.

6. Next Meeting

February 25, 2019

7. Adjournment

12:36 p.m.

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.



MECKLENBURG COUNTY

- *Air Quality Commission* -

Monday, February 25, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, February 25, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Terry Lansdell	Brian Magi	Gordon Miller
Fern Paterson	DeAndrea Salvador	Jamie Watts		

Air Quality Commission Members Absent

Jeff Baker	Rosa Mustafa	Aaron Levy
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Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Chuck Greco
Kileigh Welshofer	Aaron Matijow			

Guest

Calvin Cupini, Clean Air Carolina	Ronald Ross, Clean Air Carolina AirKeepers
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1. Call to Order

Chair Peter McGrath called the meeting to order at 11:43 a.m.

2. Approval of Minutes

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

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.

Vote: The motion was adopted unanimously

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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

Facility Name	Facility Address	Action Type
Magellan Terminals-Charlotte II Terminal	7924 Mt. Holly Road, Charlotte, NC 28214	Open Public Comment
7-Eleven # 35573	1920 Central Ave, Charlotte, NC 28205	Open Public Comment
Oakhill Deli and Grill	3709 Oakdale Road, Charlotte, NC 28216	Open Public Comment
Charlotte Pipe & Foundry Company	1335 S. Clarkson St., Charlotte, NC 28208	Alternative Notice
Blythe Brothers Asphalt Co. LLC North Plant	9501 Old Statesville Road, Charlotte, NC 28269	Information Only
Trane U.S., Inc.	4500 Morris Field Drive, Charlotte, NC 28208	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. The AQC members were informed that the Charlotte Pipe & Foundry Company permit renewal notice has been published on the MCAQ’s website and the Charlotte Observer. There is a 30-day public comment period for the renewal of the current operating permit. The EPA has 45 days to review.

B. General Comments to the Commission

Chair McGrath opened the floor to receive general comments from the public. Ronald Ross from Clean Air Carolina AirKeepers and Calvin Cupini from Clean Air Carolina spoke concerning the air quality along the Beatties Ford Corridor. Mr. Ross informed the AQC members and MCAQ staff that he was the President of the Northwood Estates Neighborhood along the Beatties Ford Corridor. He stated that there is a heavy industrial concentration along the corridor and over the past two years several neighborhoods along with Clean Air Carolina have completed air monitoring in the area. There are some concerns about air quality and environmental justice from the citizens in the neighborhoods. There is an initiative to improve air quality along the Beatties Ford Road Corridor. Mr. Ross informed the AQC members that there will be sessions held for community awareness in March to help advocate and train residents on clean air. Mr. Ross highlighted the Clearing the Air In the Historic West End report that provided recommendations for a Clean Air Corridor. Calvin Cupini was called upon to discuss more on the Historic West End AirKeepers and Clean Air Carolina report.

Leslie Rhodes, Air Quality Director, informed the AQC members that MCAQ staff had met with June Blotnick from Clean Air Carolina to discuss the report. Leslie thanked Mr. Ross and Mr. Cupini for attending the meeting and informed them that Air Quality staff is looking forward to working with them in the future.

[Written handout: Clearing the Air in the Historic West End report]

4. Request for AQC Endorsement of the FY20 Budget

Leslie provided the AQC members with a handout of the FY20 budget for the Air Quality program. The AQC members were informed that the MCAQ proposed budget has already been included in the LUESA budget request submitted to the Board of County Commissioners. There was some discussion about the gas tax increase in the FY20 budget. Leslie explained the increase reflected pulling from the gas tax reserve and not a potential increase in the gas tax revenue received. The following development concepts were highlight:

- Projected reduction in fee revenue due to Title V renewal schedule
- Expenses reduced by eliminating vacant 30 hr/week position
- Non-recurring capital expenditures include a replacement ozone standard and dynamic calibrator

There was a motion made to endorse the FY20 budget for Mecklenburg County Air Quality.

Action Taken:

Motion: A motion was made to endorse the FY20 budget for Mecklenburg County Air Quality.

Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.

Vote: The motion was adopted unanimously.

[Written handout: Fiscal Year 2019 Budget]

5. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

Volkswagen Settlement Funding Update

Megan Green, Mobile Source Program Manager, provided an update to the AQC members of a conference call that discussed the Phase 1 application period. The open call for applications will run for 90 days and should start within the next month. One of the target fleet sectors for Phase 1 funding is electric school buses. The AQC members were informed that PJ McKenzie worked with Thomas Built Buses to organize an event here in Charlotte that provided the opportunity for local school districts to learn more about electric school buses. The AQC members were informed that Jennifer Fickler is currently working on the vehicle inventory for Mecklenburg County Fleet to find projects to submit an application.

DERA Funding Application

Mobile Source staff are currently working on an application that will be submitted requesting \$500,000 of DERA funding for GRADE projects that will not be restricted to one specific fleet sector.

P&E Personnel Update

Jason announced that Aaron Matijow has been promoted to Air Quality Supervisor within the Permitting & Enforcement Group.

Compliance Workshop

The AQC members were informed that MCAQ's spring compliance workshop is scheduled for April 10th at Suttle Avenue. The compliance workshop will focus on Emission Inventories and GovOnline, a new electronic reporting application, will be rolled out to permitted sites.

Brookhill Community Update

Leslie updated the AQC members on the information gathered from Commissioner Vilma Leake on her concerns about the Brookhill Community. Since the January AQC meeting, Leslie and Jason did a drive-through of the area to see if they were able to identify concerns from an air quality stand point. They were able to identify two businesses, a pet crematory and a transmission shop that have been reviewed to see if they may need an air permit.

Leslie was able to have a phone conversation with Commissioner Leake to discuss her concerns about the Brookhill Community. Commissioner Leake expressed a concern for the abandoned cars parked on Tryon Street as well as kerosene tanks (fuel oil) above ground tanks used for home heating oil. MCAQ staff has reached out to the City of Charlotte to receive additional information for both concerns. Leslie would like to work with Rosa Mustafa to get information to the community on how to help address the concerns.

B. AQC Annual Report

A draft copy of the 2018 Annual Report was emailed to the AQC members for review and the AQC members were asked to provide specific wording revisions to Megan in writing. There was some discussion and feedback provided on the annual report. Megan will check with Jeff Francis to get the historical data on the ozone for the annual report. Megan will update the membership page and the picture for SOER.

[Written handout: 2018 AQC Annual Report (draft)]

C. UDO Gasoline Station Information

Terry Lansdell at the January AQC meeting highlighted that the siting language in the City of Charlotte's Unified Development Ordinance draft speaks to the design of the facility with setback requirements for pumps and he asked staff to consider clarifications to include Stage 1 venting locations as well. Leslie provided an update on the research that staff has done to find out more about this request. Staff reached out to the City to find out more about the setback requirements. The setback requirements are part of the Transit Oriented Development Regulations. The setback line is the minimum dimension a structure may be located measured from a curb line, lot line, or other point set by the Ordinance. Leslie informed the AQC members that staff will not submit comments concerning the setback requirements for the UDO.

6. Next Meeting

March 25, 2019

Leslie informed the AQC members that Ms. Shalinda Williams who has been appointed the AQC has a conflict with her schedule that will not allow her to attend the meetings. There was some discussion among the AQC members concerning the scheduled meeting time and it was agreed upon that the regular scheduled time of 11:30 a.m. was more convenient for everyone. Leslie will inform Ms. Williams of the AQC members decision to leave the meeting time as scheduled.

7. Adjournment
12:45 p.m.

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.



MECKLENBURG COUNTY

- *Air Quality Commission* -

Monday, March 25, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, March 25, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Terry Lansdell	Brian Magi	Gordon Miller
Fern Paterson	Rosa Mustafa	Jamie Watts	Jeff Baker	Aaron Levy

Air Quality Commission Members Absent

DeAndrea Salvador

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Aaron Matijow	Chuck Greco
Evan Shaw				

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:43 a.m.

2. Approval of Minutes

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

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.

Vote: The motion was adopted unanimously

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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):

Facility Name	Facility Address	Action Type
7-Eleven # 38721	3750 E. Independence Blvd, Charlotte, NC 28205	Open Public Comment
Arjobex America, Inc.	1901 Westlake Drive, Charlotte, NC 28273	Open Public Comment
Genpak Headquarters / Packaging Manufacturing Plant	10601 Westlake Drive, Charlotte, NC 28273	Open Public Comment
Pineville Quarry	10526 Old Nations Ford Road, Charlotte NC 28273	Open Public Comment
SteelFab, Inc.	8629 Old Down Road, Charlotte, NC 28214	Open Public Comment
University of North Carolina at Charlotte	9201 University City Blvd, Charlotte, NC 28233	Open Public Comment
Vulcan – Portable Equipment	11020 David Taylor Drive, Suite 400, Charlotte, NC 28262	Open Public Comment
Gerdau Long Steel North America – Charlotte Mill	6601 Lakeview Road, Charlotte, NC 28269	Alternative Notice
Transcontinental Matthews	700 Crestdale Road, Matthews, NC 28105	Alternative Notice
Cintas Corporation	11000 Westlake Drive, Charlotte NC 28273	Information Only
Toddsville Operations Center	610 Toddsville Road, Charlotte, NC 28214	Information Only

Chuck Greco, Air Quality Supervisor, was available to answer questions. Leslie Rhodes, Air Quality Director, informed the AQC members that MCAQ has received one request for a public hearing concerning the Charlotte Pipe Title V Permit Renewal that was on the February AQC agenda. MCAQ staff is reviewing the request and will report back to the AQC at the April meeting.

Terry Lansdell arrives at 11:47 a.m.

B. General Comments to the Commission

None

Rosa Mustafa arrives at 11:49 a.m.

4. Request for AQC Action on AQC Annual Report

A draft copy of the 2018 Annual Report was emailed to the AQC members for review. Megan Green, Mobile Source Program Manager, provided the AQC members with an update on the revisions made to the 2018 Annual Report per the feedback given at the February AQC meeting. The AQC members were informed that the report was sent to the County’s Editorial Board for review and the suggestions given from the Board has already been incorporate in the revised draft report. It was noted that two AQC members needed to submit a headshot for the final report.

There was a motion made to approve the 2018 Annual Report and the authorization of Chair and Vice Chair to present at the May 7, 2019 meeting of the Board of County Commissioners.

Action Taken:

Motion: A motion was made to approve the 2018 Annual Report contingent upon adding the two headshots and the authorization of Chair and Vice Chair to present at the May 7, 2019 meeting of the Board of County Commissioners.

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

Vote: The motion was adopted unanimously
[Written handout: 2018 AQC Annual Report (draft)]

5. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

Ozone Season Update

The AQC members were given a handout that provided an ozone season update. The ozone season update showed a current ozone compliance value of 63 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

[Written handout: Ozone Season Update (dated March 25, 2019)]

Brookhill Community Update

Leslie Rhodes updated the AQC members on the efforts to address Commissioner Vilma Leake's concerns about the Brookhill Community. Commissioner Leake expressed a concern for the abandoned cars parked on Tryon Street as well as kerosene tanks (fuel oil) above tanks for home heating oil. Leslie has communicated with the City of Charlotte Code Enforcement to discuss the concerns. It was stated that the City of Charlotte Code Enforcement is currently inspecting all units at Brookhill, which includes checking for carbon monoxide detectors. It was also stated that the City of Charlotte Code Enforcement will send someone from staff out to observe the abandoned cars to determine violations and report back to MCAQ. Leslie will provide a report to the Environmental Leadership Committee at the April meeting.

Compliance Workshop

The AQC members were reminded that the MCAQ spring compliance workshop is scheduled for April 10th at Suttle Avenue. The compliance workshop will focus on Emission Inventories and GovOnline, a new electronic reporting application, will be rolled out to permitted sites.

State Periodic Review of Rules Update

The AQC members were informed that the Group 4 Rules (NC Fugitive Dust, NC Odor, and NC Open Burning Rules) public comment period has ended. It was stated that the State has re-opened public comment for 2 of the rules to address errors in the previously posted document. The State is expected to open public comment period for Group 5 Rules on April 15th.

Charlotte Area Air Awareness Business Coalition Spring Training Event

The AQC members will receive an email invitation for the Charlotte Area Air Awareness Business Coalition Spring Training Event that will be held on April 9th. This training will showcase outreach services that the Air Awareness Program offers as well as preview the 2019 Clean Commute Challenge.

B. Historic West End Clean Air Corridor

Leslie Rhodes provided a brief overview from the February AQC meeting where Mr. Ronald Ross from Clean Air Carolina AirKeepers and Mr. Calvin Cupini from Clean Air Carolina provided comments concerning the air quality along the Beatties Ford Corridor. Residents in Historic West End have partnered with Clean Air Carolina to gain support for creation of a Clean Air Corridor in their community. It was stated that Megan Green is lead on this initiative for Air Quality staff.

Several AQC members and staff have been involved in supporting this effort and provided an update from advocacy training sessions over the past few weeks. Dr. Aaron Levy provided an overview of the session that he was able to attend that discussed the health impacts. Attendees were able to have an open discussion concerning health issues within the community and share concerns about industry along the corridor. It was stated that there is a strong educational awareness from the community concerning the health impact of ozone and PM2.5. Over the past two years several neighborhoods along with Clean Air Carolina have completed air monitoring in the area. There are several residents that have located Purple Air monitors in the area and a desire from the community to have a permanent monitor.

Dr. Brian Magi gave a presentation to discuss his work with the Purple Air sensor. Dr. Magi provided information on the benefits and limitations of the sensor as well as the quality of the sensor data. His presentation included a map showing live Purple Air AQI data at different times throughout the day and the results from a two-year collocation study.

Ms. Rosa Mustafa, Ms. DeAndrea Salvador and Megan will attend the final Advocacy Training session in Historic West End on Tuesday, March 26th. Megan agreed with Dr. Levy that West End community have a high degree of interest in air pollution and are knowledgeable concerning the City and County resources. Megan shared some of the concerns from residents discussed at the sessions with one of them being neighbors that burn trash within the community. It was stated that there will be a smaller group formed to help shape an educational outreach campaign to help address this concern within the community.

6. Next Meeting
April 22, 2019

7. Adjournment

12:57 p.m.

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.



MECKLENBURG COUNTY

- *Air Quality Commission* -

Monday, April 22, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, April 22, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Brian Magi	Gordon Miller	Aaron Levy
Fern Paterson	Rosa Mustafa	Jamie Watts	Jeff Baker	

Air Quality Commission Members Absent

DeAndrea Salvador Terry Lansdell

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Aaron Matijow
Chuck Greco	Jeff Francis			

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:40 a.m.

2. Approval of Minutes

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

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.

Vote: The motion was adopted unanimously

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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):

Facility Name	Facility Address	Action Type
Harris Teeter Fuel Station #258 - University	8644 University City Blvd, Charlotte, NC 28213	Open Public Comment
Sam's Mart #103	3215 Queen City Drive, Charlotte, NC 28028	Open Public Comment
Orbit Energy Charlotte, LLC	600 Johnson Road, Charlotte, NC 28206	Alternative Notice

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

There were some questions concerning the Orbit Energy Charlotte permit application. Jason provided the AQC members with some background history on the site and let them know that this was the initial Title V permit application moving the site from a Synthetic Minor to a Title V site.

B. General Comments to the Commission

None

Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

Compliance Workshop Update

Jason Rayfield thanked Peter McGrath for attending the compliance workshop for permitted facilities held on April 10th. It was stated that the workshop was a success with forty-two attendees representing thirty-three permitted facilities. All presentations from the workshop are available on the Air Quality website.

Environmental Stewardship Committee Update

Leslie Rhodes, Air Quality Director, informed the AQC members that she would keep them updated on Air Quality agenda items at the Environmental Stewardship Committee meetings. There were no Air Quality updates from this month's meeting.

B. Annual Report to the BOCC

Chair McGrath informed the AQC members that he will present the AQC Annual Report to the BOCC at the May 7th meeting. A final version of the Annual Report will be emailed to the AQC members. The AQC members were encouraged to attend the meeting if their schedule allows.

C. Regulatory Updates

A public hearing regarding the renewal of the air quality permit for Charlotte Pipe and Foundry will be held on May 8th at 6pm on the 4th floor of LUESA Offices located at 2145 Suttle Ave. Charlotte, NC. Logistics for the public hearing were given to the AQC members. It was stated that Peter McGrath will serve as the hearing officer. There was some discussion about the need for a public hearing. Fern Paterson recused herself from the discussion due to Charlotte Pipe and Foundry being a client of her law firm. Leslie addressed the purpose of the hearing and what factors are considered when deciding to whether to hold a public hearing.

State Periodic Review of Rules Update

The AQC members were informed that the Group 5 Rules (Risk Management Program, Recordkeeping, and Source Testing Rules) public comment period open on April 12th and will run through June 14th. P&E staff are in the process of reviewing the rules and will provide an update at the May AQC meeting.

D. Monitoring Updates

Jeff Francis, Air Monitoring Program Manager, provided the AQC members with a summary of the 2019-2020 Annual Monitoring Network Plan. The Annual Monitoring Network Plan is currently available for a 30 day public comment period on the MCAQ website. The 2019-2020 Annual Monitoring Network Plan is due to the EPA by July 1st.

The Annual Monitoring Network Plan provides details regarding the sites and air monitors operating in Mecklenburg County. Some of the information highlighted from the 2019-2020 Annual Monitoring Network Plan were as follows:

- Montclaire PM2.5/PM10 shutdown and relocation of the monitoring site. MCAQ terminated operation of the Montclaire air monitoring station on March 31, 2019 due to construction of a new school building at the site. MCAQ is currently searching for a replacement location within the area for the monitoring station. There will be an addendum to the plan once a site has been identified for the replacement monitoring station.
- Nitrogen Dioxide (NO₂) Monitoring -MCAQ currently operates two NO₂ monitoring stations one at the Garinger monitoring site and one at the near-road NO₂ station at the Remount monitoring site. MCAQ will work with the EPA to determine the optimal location and timing for establishment of an additional near-road NO₂ site in Mecklenburg County. EPA has not provided funding for operations, maintenance, equipment or capital expenditures in support of the operation of an additional near-road NO₂ monitoring station. Once funding has been provided staff will work to install and operate an additional near-road NO₂ monitoring station in the MCAQ monitoring network.
- Photochemical Assessment Monitoring Station (PAMS). EPA is currently working on a proposed rule that will provide state and local agencies an additional two years from the current implementation date of June 1, 2019 to implement the PAMS program requirements. MCAQ will continue preparing to implement the program as funding and personnel resources allow with the goal of full implementation on or before June 1, 2021.

[Email handout: Annual Network Plan 2019-2020]

Ozone Season Update

The AQC members were given a handout that provided an ozone season update. The ozone season update showed a current ozone compliance value of 65 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

[Written handout: Ozone Season Update (dated April 22, 2019)]

E. Community Initiatives

Air Quality Learning Station

Megan Green, Mobile Source Program Manager, gave a presentation on the Air Quality Learning Station that will be located at First Ward Park. Village Green inspired the design of the interactive learning station. The goal for the project is to make air pollution and air monitoring more visible and relevant to the public by creating and installing a publicly-accessible air quality sensor station used for education and outreach purposes. Next steps for the project include construction/installation, display design, testing, and outreach plan development.

Clean Air Corridor in Historic West End

Megan thanked Rosa Mustafa for attending the final Advocacy Training session in Historic West End on Tuesday, March 26th. It was stated that the Mobile Source Program staff has committed to creating an educational outreach campaign to help address the concerns about burning trash within the community. A smaller group has been formed to gather research information to help with the outreach campaign. MCAQ staff is working to plan a meeting in July with the Historic West End Community to discuss Breathing Room. MCAQ staff will continue to be a resource for the community as well as provide resource.

The AQC members were informed that Clean Air Carolina will present the information on the Historic West End Report to the BOCC at the May 7th BOCC meeting. Leslie informed the AQC members that this action item was placed on the BOCC agenda after a presentation was given at the Environmental Stewardship Committee.

There was an announcement made by Rosa Mustafa concerning the Environmental Justice Tour scheduled for May 4th in the Historic West End. MCAQ staff will send out information concerning the event.

4. Next Meeting

May 20, 2019

5. Adjournment

12:54 p.m.

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.



MECKLENBURG COUNTY - Air Quality Commission -

Monday, May 20, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, May 20, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Marcus Hackler Brian Magi Gordon Miller Aaron Levy Terry Lansdell
Fern Paterson Rosa Mustafa

Air Quality Commission Members Absent

Peter McGrath Jamie Watts Jeff Baker

Mecklenburg County Air Quality Staff Present

Leslie Rhodes Ieshishua Pierce Megan Green Jason Rayfield Chuck Greco
Sarah Fortner Kileigh Welshofer

Guests

Calvin Cupini, Clean Air Carolina Ron Ross, Northwood Estates Community

1. Call to Order

Vice Chair Marcus Hackler called the meeting to order at 11:37 a.m.

2. Approval of Minutes

Vice Chair Hackler opened the floor for the approval of the April AQC meeting minutes.

Action Taken:

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

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

Vote: The motion was adopted unanimously.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

Vice Chair Hackler, 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):

Facility Name	Facility Address	Action Type
INX International Ink Company	10820 Withers Cover Park Drive, Charlotte, NC 28278	Open Public Comment
Rutland Group, Inc.	10021 Rodney Street, Pineville, NC 28134	Open Public Comment

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

B. General Comments to the Commission

None

4. Updates and Presentations

Vice Chair Hackler opened the floor to receive announcements.

A. Announcements

State Periodic Review of Rules Update

The AQC members were informed that the Group 5 Rules (Risk Management Program, Recordkeeping, and Source Testing Rules) are open for a public comment period that will run through June 14th. It was stated that there are 23 sites in Mecklenburg County that fall under the 112r Risk Management Program. Group 6 Rules will be the last of the State Periodic Review of Rules.

AQ Personnel

Megan Green, Mobile Source Program Manager, introduced Sarah Fortner as the new Environmental Specialist in the Mobile Source Program.

Volkswagen Settlement Funding Update

The AQC members were informed that the opening application period for Phase 1 funding projects has been delayed. NCDEQ may start accepting applications for the funding in Summer/Fall 2019.

Clean Commute Challenge

The AQC members were given a promotional flyer that detailed the next clean commute challenge. The 2019 Clean Commute Challenge will run from June 1st through June 30th. Anyone who records at least 5 clean commutes will be eligible for the grand prize drawing (Carolina Panthers football tickets); there will also be weekly prizes. Registration for the Clean Commute Challenge can be completed at www.Way2GoCLT.com.

[Written handout: Clean Commute Challenge Promotional Flyer]

B. Historic West End Clean Air Corridor

Leslie Rhodes, Air Quality Director, provided an update on the activities associated with the Historic West End Clean Air Corridor project. Leslie welcomed Calvin Cupini from Clean Air Carolina and Ron Ross from Northwood Estates Community to the meeting. The AQC members were informed that Ron and Calvin presented the Historic West End Report, which was shared with the AQC members at the February AQC meeting, with the BOCC at the May 7th BOCC meeting. Upon request of the BOCC, the Air Quality staff were asked to provide a cost for an air monitor in the Historic West End, to be present to the BOCC on May 14th. Leslie informed the AQC members that MCAQ staff is currently in position of relocating the Montclair PM2.5 monitoring station that was shutdown at the end of March due to construction of a new school building at the site. There is some discussion to relocate this monitor to the Historic West End. Leslie is working to coordinate a meeting with Ron, Calvin, the Residents, Air Monitoring staff, and Commissioner Vilma Leake to gather input on possible locations for the air monitor. Staff will present research that has been completed on site location by staff. It was stated that any site locations will have to be reviewed and approved by the State and EPA.

Leslie also informed the AQC members that at the May 7th BOCC meeting, Ron requested a meeting with the Quarry located within the Historic West End. MCAQ staff is prepared to work in setting up a date with the Quarry to have a discussion with the Residents. There was some discussion from the AQC members on this topic.

Megan Green provided the AQC members with an update on the education outreach campaign. Sarah Fortner has been working on some preliminary research to help address the concerns about burning trash within the community. A smaller group has been informed to gather research information to help with the outreach campaign. Megan will keep the AQC members updated on this outreach campaign.

C. Charlotte Pipe and Foundry Public Hearing

Jason provided the AQC members with an update on the Charlotte Pipe and Foundry public hearing that was held regarding the renewal of the air quality permit on May 8th. Fern Paterson recused herself from the discussion due to Charlotte Pipe and Foundry being a client of her law firm. There were 16 attendees and 8 speakers at the public hearing. The hearing records were opened for comment through May 10th and staff received 6 additional comments via email. MCAQ staff is working on the Hearing Officer's Report and response to comments documents. The permit and Hearing Officer's Report are due to the EPA by June 24th. There was some discussion from the AQC members and staff on this agenda item. A copy of the hearing report will be provided to the AQC members once available.

D. Presentation of AQC Annual Report to BOCC

Vice Chair Hackler provided the AQC members with a summary of the presentation given by him and Chair Peter McGrath of the AQC Annual Report delivered to the BOCC at the May 7th BOCC meeting. Vice Chair Hackler stated that the report was received very well by the BOCC.

Vice Chair Hackler informed the AQC members of Commissioner Vilma Leake concerns in the Brookhill Community. Leslie provided the AQC members with an update on what MCAQ staff has done to address Commissioner Leake's concerns. Vice Chair Hackler informed the AQC members that Ebenezer Gujjarlapudi, Land Use and Environmental Services Agency Director, sent an email to the BOCC in response to the concerns discussed at the May 7th BOCC meeting. The email provided an overview of the Air Quality staff efforts to research and address issues in the west charlotte area. A copy of the email will be sent out to the AQC members.

5. Future Agenda Item

Terry Lansdell asked MCAQ staff to give a presentation at a future AQC meeting on the following topics:

- MCAQ's visible emissions and odor complaint response procedures; and,
- Land use changes with regard to Air Quality permits

6. Ozone Update

The AQC members were given a handout that provided an ozone season update. The ozone season update showed a current ozone compliance value of 65 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

[Written handout: Ozone Season Update (dated May 20, 2019)]

7. Next Meeting

June 24, 2019

8. Adjournment

12:37 p.m.

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.



MECKLENBURG COUNTY

- Air Quality Commission -

Monday, June 24, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, June 24, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Marcus Hackler Gordon Miller Jamie Watts Jeff Baker Rosa Mustafa

Air Quality Commission Members Absent

Peter McGrath Terry Lansdell Brian Magi Aaron Levy Fern Paterson

Mecklenburg County Air Quality Staff Present

Leslie Rhodes Ieshishua Pierce Megan Green Jason Rayfield Chuck Greco
Aaron Matijow Sarah Fortner Cecilia Tierney Ivonne Hernandez Donna Cavaliere

1. Call to Order

Vice Chair Marcus Hackler called the meeting to order at 11:39 a.m. without a quorum present.

2. Approval of Minutes

Without a quorum present, the approval of the May AQC summary minutes was tabled to the July AQC meeting.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

Vice Chair Hackler, 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):

Facility Name	Facility Address	Action Type
Genpak Headquarters / Packaging Manufacturing Plant	10601 Westlake Drive, Charlotte, NC 28273	Open Public Comment
Recovered Energy Investors I, LLC	11701 Mount Holly Rd., Charlotte, NC 28214	Open Public Comment
S-L Snacks NC, LLC	8600 South Blvd., Charlotte, NC 28273	Open Public Comment
Circle K # 2705111	2833 Freedom Drive, Charlotte, NC 28208	Open Public Comment
Mark Oil - Huntersville BP	101 S Statesville Road, Huntersville, NC 28078	Open Public Comment
C & M Recycling, Inc.	2930 Jeff Adams Drive, Charlotte, 28206	Information Only
Hi-Way Paving Plant 4411 Charlotte Airport No. 2	3450 Yorkmont Road, Charlotte, NC 28208	Information Only
J.T. Russell and Sons, Inc.	11421 Brooks Mill Road, Charlotte, NC 28215	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

B. General Comments to the Commission

None

4. Updates and Presentations

Vice Chair Hackler opened the floor to receive announcements.

A. Announcements

AQ Personnel

Jason Rayfield introduced Cecilia Tierney as the new Environmental Specialist in the Permitting & Enforcement Program.

Volkswagen Settlement Funding Update

Megan Green, Mobile Source Program Manager, informed the AQC members that NCDEQ has opened the application period for Phase 1 funding projects. The open call for applications will run through September 30th.

Ozone Update

Leslie Rhodes, Air Quality Director, provided an update on the ozone season. The AQC members were given a handout that showed a current ozone compliance value of 66 ppb. There have been no exceedance days in Mecklenburg County and one exceedance day in York County for the region year to date.

[Written handout: Ozone Season Update (dated June 24, 2019)]

Relocation of Montclair Air Monitors

The AQC members were updated on the relocation of the Montclair PM2.5/PM10 air monitoring station that was shutdown as of March 31, 2019 due to construction of a new school building at the site. It was stated that the PM10 air monitoring station will be relocated to

Ramblewood Park located off Nations Ford Road. The AQC members were given an update on a meeting held with Leslie, the Air Monitoring staff and residents from the Historic West End to gather input on five potential locations for the relocation of the PM2.5 air monitor. MCAQ staff is evaluating the information gathered from the meeting. It was stated that any new proposed site location, would have to be reviewed and approved by the State and EPA.

B. MCAQ Service Requests

This action item was tabled to the July AQC meeting.

Leslie informed the AQC members that MCAQ staff responded to investigate the dust complaint at the Quarry located off of Beatties Ford Road. Andrew Deal, Air Quality Specialist, observed dust being generated on the facility's driveway. Andrew had a conversation with the facility manager asking them to bring the onsite water truck to the road to help control the dust. The facility manager agreed to do so.

C. Public Hearing Report and Response to Comments

Prior to the meeting, the AQC members were emailed a copy of the "Hearing Officer's Report For Public Hearing Conducted May 8, 2019" for review. At the meeting, Leslie informed that the AQC members that the report was also emailed individually to all the commenters per their request. The report will be sent to the EPA on June 24th with MCAQ's final decision being to proceed with issuance of the Title V permit renewal.

Leslie informed the AQC members of the following additional actions that MCAQ staff will take as a result of comments received at the public hearing:

- An Environmental Justice analysis for the area surrounding Charlotte Pipe & Foundry will be conducted.
- Regarding ongoing reports of odor, MCAQ will ensure that odor management techniques are evaluated when Charlotte Pipe & Foundry plans any new construction or modification of emission sources. Furthermore, MCAQ will review and assess the latest technology in odor controls annually for comparison to the facility's existing odor control system.
- MCAQ will investigate the reports of offsite particulate deposition attributed to Charlotte Pipe & Foundry through a series of inspections and response to reports of visible emissions.
- MCAQ recommends that Charlotte Pipe & Foundry engage in discussions leaders from the surrounding neighborhoods as a forum to evaluate suggested action to benefit the community.

[Written handout: Hearing Officer's Report For Public Hearing Conducted May 8, 2019
(email copy)]

4. Request for AQC Action on Breathing Room-Path Forward

Megan gave a presentation to the AQC members providing an update on Breathing Room. Without a quorum present and action required, this agenda item was tabled to the July AQC meeting.

5. Next Meeting

July 22, 2019

6. Other Business

Leslie informed the AQC members that Elliot Tardif, Meteorologist with North Carolina Division of Air Quality, will be attending the July AQC meeting to give a presentation discussing Air Quality Forecasting.

7. Adjournment

12:43 p.m.

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.



MECKLENBURG COUNTY

- *Air Quality Commission* -

Monday, July 22, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, July 22, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Gordon Miller	Terry Lansdell	Fern Paterson
Jeff Baker	Aaron Levy			

Air Quality Commission Members Absent

Jamie Watts	Rosa Mustafa	Brian Magi
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Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Aaron Matijow
Sarah Fortner	Sheldon Turner	Kelly Grass	Tania McClary	

Guests

Elliot Tardiff, NC Department of Environmental Quality (Division of Air Quality, Meteorologist)
Bradley McLamb, NC Department of Environmental Quality (Division of Air Quality, Meteorologist)

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:36 a.m.

2. Approval of Minutes

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

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.

Vote: The motion was adopted unanimously.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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):

Facility Name	Facility Address	Action Type
Daumar Industries Corporation	13265 Reese Boulevard E, Huntersville, NC 28078	Open Public Comment
Johnson Bros. Corp. (Portable CBP No. 1)	228 W. 23 rd St., Charlotte, NC 28206	Open Public Comment
7-Eleven # 38617	4800 N Graham St, Charlotte, NC 28269	Open Public Comment
Mallard Creek Polymers	2800 Morehead Road, Charlotte, NC 28262	Alternative Notice

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

B. General Comments to the Commission

None

4. Ozone Forecasting

Sarah Fortner, Environmental Specialist, introduced Meteorologists, Elliot Tardif and Bradley McLamb from NC Department of Environmental Quality (NCDEQ) – Division of Air Quality (DAQ), to give a presentation about forecasting air quality in the Charlotte region. Elliot recognized and thanked the MCAQ staff for the working relationship with the meteorologists at DAQ. Elliot provided an overview of what they do and how they predict ozone values. The meteorologists forecast ozone and particle pollution for seven forecast regions around the state using the Air Quality Index (AQI) to translate the expected air quality to potential human health impacts. The air quality forecasts are issued by 3PM the day before, and updated the following morning as needed. Some factors considered for the forecast values are meteorology (i.e, temperature, wind velocity, cloud cover, precipitation) and emissions/air pollution (i.e, geography, upwind pollution, day of week, special events).

AQI Information Provided

- The AQI is used to convey the forecast to the general public.
- The AQI does not change linearly with a change in ppb.
- The AQI changes at different rates within each color code. The ozone is only reported to the nearest ppb.
- For grading an ozone forecast similar to a temperature forecast, the proper metric to use is ppb, not the AQI.
- A 5° temperature error would be roughly equivalent to a 10 ppb error in ozone, or as many as 35 AQI “points”, depending on the category
- Ozone forecast AQI values represent the absolute peak 8-hour ozone concentration expected at any point within a given forecast region.
- The monitoring network is designed to detect the peak fourth highest 8-hour ozone value within a region to track compliance with the ozone standard.

- The monitoring network will not necessarily detect the peak 8-hour ozone concentration throughout the entire forecast region on all days. Ozone that forms over an urban core often can bow towards gaps between the monitors.

Ozone trends have improved steadily over the years. A Forecast Season 2018 Charlotte Ozone Concentration Graph showed a lot of good or moderate days with some borderline Code Yellow/Code Orange days. There was a chart presented that highlighted 2018 ozone season code orange forecast or observed data for 18 days in the Charlotte region. Here's the summary for the 18 days:

- 9 Code Orange Forecasts verified at a monitor
- 4 not verified at a monitor but Code Orange could have occurred somewhere in the Charlotte MSA
- 1 questionable
- 4 misses, including 3 days where a Code Orange was forecast and did not verify, and 1 day where a Code Yellow was forecast and a Code Orange verified at a monitor.

Bradley provided information on the ozone design value predictor which is a web-based mapping tool that displays maximum 8 hr. ozone and design value information using current year ozone data for all ozone monitors in the U.S. It provides an up-to-date snapshot of ozone monitor attainment status based on current year ozone data. MCAQ staff will email a link to the "Ozone Design Value Predictor" webpage. [PowerPoint Presentation: Forecasting and Mapping Ambient Air Quality Data (July 22, 2019)]

5. Ozone Update

Jeff Francis, Air Monitoring Program Manager, provided the AQC members with an ozone update. The AQC members were given a handout that provided an ozone season update. The ozone season update showed a current ozone compliance value of 68 ppb. There have been three exceedance days in Mecklenburg County and five in the region year to date. The AQC members were provided with a handout of Charlotte, Gastonia, Concord Metropolitan Statistical Area Ozone Sites that included the start date for each site.

[Written handouts: Ozone Season Update (dated July 22, 2019); Charlotte-Gastonia-Concord Metropolitan Statistical Area Ozone Sites]

6. Request for AQC Action on Breathing Room-Path Forward

Megan Green, Mobile Source Program Manager, gave a presentation to the AQC members providing an update on Breathing Room-Path Forward. The Breathing Room Initiative started in January 2018 with Mobile Source staff reviewing past stakeholder input from Livable Meck, Connect Our Future, and the AQC Air Quality Review to gather ideas on ways to create Breathing Room. It was from this process that 15 strategies were identified and over the next eleven months staff hosted strategy sessions with nearly 500 community members to receive input for creating the Breathing Room -Path Forward. The Path Forward ranks 10 of the 15 strategies that help improve local air quality into 3 categories "now (Fy20-

FY21)," next (FY22)" and "future (FY23+)". It was stated that existing programs such as GRADE, industrial source permitting and compliance, air awareness education and outreach services, smoking vehicles program, and idle reduction resources will continue.

Action Taken:

Motion: A motion was made that the AQC recommend that the Mecklenburg County Board of Commissioners endorse the Breathing Room Path Forward.

Made: The motion was made by Gordon Miller and seconded by Jeff Baker.

Vote: The motion was adopted unanimously.

Next steps

1. Develop implementation plans for "Now" strategies – Ongoing
2. Report to Environmental Stewardship Committee – September 10, 2019
3. Present to BOCC – September 17, 2019
4. Submit annual progress report to EPA – September 2019

There was a suggestion to have a few AQC members to attend the September 10th BOCC Environmental Stewardship Committee in support of the Breathing Room presentation. Terry Lansdell and Jeff Baker volunteered.

[PowerPoint Presentation: Breathing Room (Improving Air Quality Beyond the Ozone Health Standard)]

7. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

ACE Awards

The AQC members were informed that the Air Compliance Excellence (ACE) awards would be issued in August. The ACE award is a special recognition program designed to recognize local industry's efforts in achieving ongoing compliance with their air quality permits. The total number of recipients for this award will be announced at the August AQC meeting.

AQ Personnel

Megan Green introduced Sheldon Turner as the new Environmental Specialist in the Mobile Source Program.

MYEP Intern

Leslie Rhodes recognized Tania McClary who has been working with MCAQ as an intern through the Mayor's Youth Employment Program (MYEP) this summer.

B. MCAQ Service Requests

This action item was tabled until the August AQC meeting.

8. Next Meeting

August 26, 2019

9. Adjournment

12:54 p.m.

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.



MECKLENBURG COUNTY

- Air Quality Commission -

Monday, August 26, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, August 26, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Gordon Miller	Terry Lansdell	Fern Paterson
Jeff Baker	Aaron Levy	Brian Magi	Jamie Watts	

Air Quality Commission Members Absent

Rosa Mustafa

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Aaron Matijow
Donna Cavaliere				

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:39 a.m.

2. Approval of Minutes

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

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Aaron Levy.

Vote: The motion was adopted unanimously.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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):

Facility Name	Facility Address	Action Type
CCL Label, Inc.	4000 Westinghouse Blvd., Charlotte, 28273	Open Public Comment
C & M Recycling, Inc.	2930 Jeff Adams Drive, Charlotte, 28206	Open Public Comment
DART, A Clean Earth Company	4132 Pompano Road, Charlotte, NC 28216	Open Public Comment
Siemens Energy, Inc.	5101 Westinghouse Blvd., Charlotte, NC 28273	Open Public Comment
7-Eleven # 35560	4808 Brookshire Blvd, Charlotte, NC 28216	Open Public Comment
Southern Concrete – State Street	715 State Street, Charlotte, NC 28208	Information Only

Jason Rayfield, Permitting & Enforcement Program 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

Complete Street Policy

Terry Lansdell announced that NCDOT has passed a Complete Street Policy at the State level.

Strategic Energy Action Plan (SEAP) Update

Terry Lansdell announced that the city council will be given an update on the SEAP at the dinner meeting. This has a direct impact on CATS decision to replace aging diesel buses.

Evaluation of Purple Air in NC Publication

Brian Magi informed the AQC members of a publication about low-cost PM2.5 sensor testing that was written by Calvin Cupini, Jeff Francis, Megan Green, Cindy Hauser and Brian Magi that was published in Aerosol Science and Technology. A pdf of the publication will be distributed to the AQC members.

Asbestos Workshop

Leslie Rhodes, Air Quality Director, recognized P&E staff for a great job done with the asbestos workshop held at Suttle Ave earlier this month. The workshop allowed different entities that have a role in processing demolition and abatement notifications to come together to discuss each division or department’s role. There were guest speakers from Code Enforcement, Environmental Health, NC OSHA, NC Health Hazards Control Unit and MCAQ staff.

ACE Awards

Jason Rayfield, Permitting & Enforcement Program Manager, informed the AQC members that the Air Compliance Excellence (ACE) awards were issued August 15th. The ACE award is a special recognition program designed to recognize local industry’s efforts in achieving ongoing compliance with their air quality permits. It was stated that 156 sites received the AQC award.

State Periodic Review of Rules Update

The AQC members were informed that there is no active open comment period for any rules at the current time. The State is working on drafting Group 6 Rules and creating a hearing report for Group 5 rules. The Rules Review Commission is currently finalizing Group 4 rules.

Reviewing Air Quality Fee Structure

MCAQ staff is kicking off a project that will review the current Air Quality fee structure to assess a proposed new fee structure considering the information gathered during the assessment. The last fee review and increase was complete in 2011-2012. The project team is currently working on developing different scenarios and will present to the AQC at the September or October meeting. There was some discussion if staff would be able to provide information on the current fee structure and any fee structure comparison with other agencies throughout the state.

AeroGRADE

Megan Green, Mobile Source Program Manager, informed the AQC members that the current call for projects for the \$1.6 million in AeroGRADE funding focuses on electrification projects at the airport will run through September 30th.

Volkswagen Settlement Funding Update

The AQC members were reminded that the VW funding application period will run through September 30th. Staff is currently working on two applications that will be submitted for Mecklenburg County.

Breathing Room Update

Megan announced that Jeff Baker, Gordon Miller, Terry Lansdell and Brian Magi volunteered to attend the September 10th BOCC Environmental Stewardship Committee in support of the Breathing Room presentation. It was stated that AQC members were welcome to attend the September 17th BOCC meeting where the Breathing Room Path Forward will be presented to the BOCC.

B. MCAQ Service Requests

Leslie reminded the AQC members that this action is a follow-up from the May AQC meeting before calling on Jason to summarize procedures for responding to requests for service related to dust and odor.

Jason highlighted MCAQ staff responding to investigate the dust complaint at the Quarry located off of Beatties Ford Road that was discussed at the May AQC meeting. The AQC members were given a handout on the MCAPCO Dust and Odor Regulations. Jason discussed the regulations and provided an overview of how service requests are handled for dust, odor, and VE/smoke complaints. Typical response procedures for handling service request are as follows:

- Take down information about complaint

- Determine complaint type – dust, odor, or VE/smoke
- See if occurring at the time, suspected source, and find out whether our rules apply
- If so, investigate the complaint (typically a field response)

A copy of the information brochures for odor and dust that are given out during the field response was circulated among the AQC members for review.

Megan informed the AQC members on the procedure for responding to rezoning petitions. It was stated that most rezoning petitions come from the City of Charlotte and that Air Quality staff review all rezoning petition received by LUESA. Air Quality has a staff member that reviews the request screening for legal requirements (rules that requires a specific action related to industrial source permitting, asbestos NESHAP and toxics modeling) and for other information-only comments. MCAQ sends comments to planning staff and a letter is sent directly the petitioner notifying them of regulatory requirements. MCAQ provides comments to the Charlotte-Mecklenburg Planning Commission.

[Written handout: MCAPCO Dust Regulations (2 rules); MCAPCO Odor Regulations (2 rules)]

C. Update on Historic West End Clean Air Corridor

Megan informed the AQC members that the Air Monitoring staff has worked with the residents from the Historic West End to narrow down a site for the relocation of the PM2.5 air monitor. The preferred site is located at the Friendship Sport Complex, which is a Mecklenburg County Park & Recreation facility. Staff is working to schedule a meeting with the EPA to evaluate and approve the site location as well as working out logistics approval with Mecklenburg County Park and Recreation. The AQC members were given an update on the backyard trash burning education outreach campaign. Staff has created an education awareness brochure and is currently waiting on some follow-up items from the community. The next step for the outreach campaign will be speaking with the community to discuss the distribution methods.

The AQC members were given an update on the meeting held with the Air Keepers, Peter McGrath, Leslie Rhodes, Megan Green, and Commissioners Vilma Leake and Elaine Powell (Vice-Chair) to discuss concerns and opportunities in the Historic West End. There are some action items gathered from the meeting that staff is working with the community to address. It was stated that the Historic West End is interested in partnering with Martin Marietta to complete something beneficial to the community similar to the community park that was built in New Bern, NC. Peter McGrath informed the AQC members that his law firm represents Martin Marietta and he will be working to schedule a meeting with Martin Marietta and the Historic West End.

D. Ozone Update

The AQC members were given a handout that provided an ozone season update. The ozone season update showed a current ozone compliance value of 69 ppb. There have been five exceedance days in Mecklenburg County and ten in the region year to date.

[Written handout: Ozone Season Update (dated August 26, 2019)]

5. Next Meeting

September 23, 2019

6. Adjournment

1:09 p.m.

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.



MECKLENBURG COUNTY - *Air Quality Commission* -

Monday, September 23, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, September 23, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Marcus Hackler	Gordon Miller	Terry Lansdell	Fern Paterson
Jeff Baker	Aaron Levy	Brian Magi	Jamie Watts	Rosa Mustafa

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Aaron Matijow
Donna Cavaliere	Ivonne Hernandez	Tori Jercich	Chuck Greco	Jeff Francis

1. Call to Order

Vice Chair Marcus Hackler called the meeting to order at 11:39 a.m.

2. Approval of Minutes

Vice Chair Hackler opened the floor for the approval of the August AQC meeting minutes.

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Jamie Watts.

Vote: The motion was adopted unanimously.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

Vice Chair Hackler, 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):

Facility Name	Facility Address	Action Type
Aplix, Inc.	12300 Steele Creek Road, Charlotte, 28273	Open Public Comment
Barrday Corporation	1450 West Pointe Drive, Charlotte, 28214	Open Public Comment
Thomas Concrete of Carolina, Inc. – Charlotte Plant	3701 N. Graham Street, Charlotte, NC 28206	Open Public Comment
Vulcan – Portable Equipment	11020 David Taylor Drive, Suite 400, Charlotte, 28262	Open Public Comment
7-Eleven # 35543	6233 Albemarle Road, Charlotte, NC 28212	Open Public Comment
QuikTrip 1011	10132 Belhaven Blvd, Charlotte, NC 28214	Open Public Comment
Forbo Movement Systems	10125 South Tryon Street, Charlotte, NC 28273	Information Only
Southern Cast, Inc.	901 N. Church St., Charlotte, NC 28206	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

B. General Comments to the Commission

None

4. Updates and Presentations

Action Required: None, information only

A. Announcements

Vice Chair Hackler opened the floor to receive announcements.

AQ Personnel

Megan Green, Mobile Source Program Manager, informed the AQC members that Ivonne Hernandez has joined the Mobile Source Program and Tori Jercich was introduced as the new Air Quality Specialist who along with Ivonne Hernandez will assist with the Air Awareness Program.

Volkswagen Settlement Funding Update

The AQC members were reminded that the VW funding application period will run through September 30th. Staff will submit two applications for DC fast charging and diesel replacement on behalf of Mecklenburg County.

AeroGRADE

The AQC members were reminded that the current call for projects for the \$1.6 million in AeroGRA funding focuses on electrification projects at the airport and will run through September 30th.

Annual Forum

The AQC members were informed that the Annual Air Quality Forum will be held on Thursday, November 21st at Suttle Avenue. The AQC members will receive an email invitation to attend the event.

B. Review of Permitting Fees

Leslie Rhodes, Air Quality Director, informed the AQC members at their August AQC meeting that MCAQ staff would be kicking off a project to review the current Air Quality fee structure to assess the need for increases/changes. It was stated that MCAQ staff will present more, including a comparison with other agencies throughout the state and different scenarios at future AQC meetings. At the September meeting, Leslie and Jason gave a presentation to the AQC members on MCAQ's revenue and work activities over the last five years. Over the past five years, the gasoline tax and Federal 105 grant revenue have remained flat. It was stated that the fee revenue has decreased 15% during the past three years due to the non-attainment fee that was no longer charged to stationary sources once MCAQ was designated maintenance for ozone. The AQC members were informed that the amount of work related to compliance and enforcement activities has trended up or remained relatively constant even though the region attains the ozone standard. The next presentation on this agenda item will discuss potential strategies for managing revenue and expenses.

Peter McGrath arrives at 12:00 p.m.

C. Breathing Room

Megan thanked Jeff Baker, Gordon Miller, Terry Lansdell and Brian Magi along with MCAQ staff for the presentation given at the September 10th BOCC Environmental Stewardship Committee in support of the Breathing Room Path Forward. It was stated that the Environmental Stewardship Committee unanimously voted that the BOCC approve the Breathing Room Path Forward.

The Breathing Room Path Forward was included as part of the consent items agenda for the September 17th BOCC meeting, however, the agenda item was pulled due to a question related to the item. The County Manager Dena Diorio answered the question related to the Breathing Room and the BOCC approved the Breathing Room Path Forward. The next steps for Breathing Room will be implementation of the NOW strategies.

Chair McGrath thanked Megan Green and MCAQ staff for an outstanding job with the Breathing Room project. Megan thanked the AQC members for support with the Breathing Room project.

D. Ozone Update

Jeff Francis, Air Monitoring Program Manager, provided an update on the ozone season. The AQC members were given a handout that showed a current ozone compliance value of 70 ppb. There have been nine exceedance days in Mecklenburg County and sixteen in the region year to date. It was stated that on September 10th there was a 79-ppb ozone concentration at Garinger and an 81 ppb at University Meadows on September 11th.

Jeff informed the AQC members that this has been an extremely hot summer with at least seventy-four days of 90° and very little rain in September; this has been a consistent pattern across the southeast region.

Leslie informed the AQC members that staff is working to schedule a meeting with NCDAQ and SC DEHC to discuss this summer's ozone value in the Charlotte region and to gather potential strategies to address moving forward.

[Written handout: Ozone Season Update (dated September 23, 2019)]

5. Next Meeting

October 28, 2019

6. Adjournment

12:53 p.m.

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.



MECKLENBURG COUNTY

- Air Quality Commission -

Monday, October 28, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, October 28, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Marcus Hackler Gordon Miller Terry Lansdell Fern Paterson Rosa Mustafa
Jamie Watts Brian Magi

Air Quality Commission Members Absent

Peter McGrath Jeff Baker Aaron Levy

Mecklenburg County Air Quality Staff Present

Leslie Rhodes Ieshishua Pierce Megan Green Jason Rayfield Evan Shaw Donna Cavaliere

Guests

Jeff Maczko, Citizen

1. Call to Order

Vice Chair Marcus Hackler called the meeting to order at 11:36 a.m.

2. Approval of Minutes

Vice Chair Hackler opened the floor for the approval of the September AQC meeting minutes.

Action Taken:

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

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

Vote: The motion was adopted unanimously.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

Vice Chair Hackler, 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):

Facility Name	Facility Address	Action Type
Printful, Inc.	11025 Westlake Drive, Charlotte, NC 28273	Open Public Comment
7-Eleven # 38677	9220 Northlake West Drive, Charlotte, NC 28212	Open Public Comment
7-Eleven # 38863	4036 Connection Point Blvd, Charlotte, NC 28212	Open Public Comment
Metrolina Greenhouses, Inc.	16400 Huntersville-Concord Road, Huntersville, NC 28078	Alternative Notice
Sterigenics U.S. LLC	10821 Withers Cove Park Drive, Charlotte, North Carolina 28278	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

B. General Comments to the Commission

None

4. Updates and Presentations

Action Required: None, information only

A. Announcements

Vice Chair Hackler opened the floor to receive announcements.

Charlotte Climate Leaders Coalition Lunch and Learn update

Terry Lansdell informed the AQC members the Charlotte Climate Leaders Coalition has held three Lunch and Learns focused on a proposed Mecklenburg County 100% Clean Renewable Energy Goal. Each of the sessions educated and informed the Environmental Stewardship Committee on the issues of pollution reduction, budget and health impacts of reducing emissions from the county fleet and buildings.

Annual Forum

The AQC members were reminded that the Annual Air Quality Forum will be held on Thursday, November 21st at Suttle Avenue. Guest Speakers will be Michael Pjetraj from NCDAQ who will provide the state air quality update and Ken Mitchell, Acting Director of Air and Radiation, from EPA Region 4 who will provide the EPA national air quality update.

Brian Magi arrives at 11:40 a.m.

Vehicle Emissions and Safety Inspection update

Megan Green, Mobile Source Program Manager, informed the AQC members that the EPA took final action to approve the NC Inspection and Maintenance Program that exempts the 3 most recent vehicle model years from emission inspections for 22 counties in North Carolina.

Air Awareness Event

The AQC members were reminded that the Air Awareness Appreciation Luncheon will be held on Tuesday, October 29th at Dressler's Restaurant.

B. Update on Permitting Fees

Jason Rayfield provided the AQC members with permitting fee comparison data from nearby state and local agencies. A chart was shown that provided the annual fees and emission fee comparison for Title V and Synthetic Minor sites showing MCAQ has higher fee than other nearby state and local agencies. There was some discussion on this action item with staff and the AQC members. It was stated that staff will not recommend a permitting fee increase at this time. Staff is working to gather more information from the EPA concerning the 105 grant and seeking information from the State concerning their current fees.

[Written handout: Summary of Other Program Fees (PowerPoint presentation)]

C. Environmental Stewardship Committee Update

Megan Green provide the AQC members with a summary of a presentation made at the October Environmental Stewardship Committee Meeting. Megan informed the AQC members that Chair of the Environmental Stewardship Committee, Commissioner Elaine Powell reached out to staff with questions concerning the County Fleet and Greenhouse Gas Emissions Inventory. The AQC members were shown the update on fleet and greenhouse gas data request presentation given to the Environmental Stewardship Committee at the October 8th meeting.

The fleet emissions inventory of all Mecklenburg County Government on-road vehicles and nonroad equipment is completed every 2 years. The primary purpose of the report is to evaluate NOx emissions. Staff is in the process of completing the 2018 fleet inventory and is expecting to release it in December. Data has shown that the on-road fleet is getting cleaner and more older vehicles have been transitioned to newer vehicles.

The baseline inventory for the greenhouse gas (GHGs) inventory was conducted in 2006. The purpose was to begin assessing opportunities for reducing GHGs. Since that time, Mecklenburg County Asset Facilities Management (AFM) has hired an Energy Manager on staff and implemented a plan for managing energy use in County facilities. MCAQ estimates that an update to the inventory that includes emission estimates from fleet and facilities can be provided by January 2020.

[Written handout: Update on Fleet and Greenhouse Gas Data Request (PowerPoint presentation given at the October 8th, Environmental Stewardship Committee Meeting)]

D. Ozone Update

Leslie Rhodes provided an update on the ozone season. The AQC members were given a handout that showed a current ozone compliance value of 70 ppb. There have been ten exceedance days in Mecklenburg County and nineteen in the region year to date in 2019. The AQC members were informed that staff has scheduled a meeting with NCDAQ and SC DEHC to discuss this summer's ozone values in the Charlotte region and to gather potential strategies to address moving forward.

The AQC members were informed that Leslie has researched the options that the EPA has if the ozone standard is violated after designations have been made. The options were discussed with the AQC members and Leslie also informed them of the Air Planning Agreement that MCAQ has with the EPA.

[Written handout: Ozone Season Update (dated September 23, 2019)]

5. Next Meeting

November 25, 2019

6. Adjournment

12:56 p.m.

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.



MECKLENBURG COUNTY

- Air Quality Commission -

Monday, November 25, 2019, 11:30 a.m.
Ed Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, November 25, 2019, 11:30 a.m. in the Ed Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath Gordon Miller Fern Paterson Rosa Mustafa Jamie Watts
Brian Magi Jeff Baker

Air Quality Commission Members Absent

Marcus Hackler Aaron Levy Terry Lansdell

Mecklenburg County Air Quality Staff Present

Leslie Rhodes Ieshishua Pierce Megan Green Jason Rayfield Chuck Greco Sheldon Turner

Guest

Dena Diorio, County Manager

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:39 a.m. without a quorum present.

Chair McGrath recognized the County Manager, Dena Diorio and opened the floor for County Manager Diorio to address the AQC members. County Manager Diorio informed the AQC members that a part of her FY20 workplan includes attending BOCC Advisory Boards over the next year. Chair McGrath thanked County Manager Diorio for attending the meeting.

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

Action Required: Open Public Comment Period

Members of the public wishing to speak during the meeting should sign in with the Air Quality Commission secretary prior to the meeting.

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.

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):

Facility Name	Facility Address	Action Type
Mugo Gravel and Grading, Inc.	310 N. Kings Drive, Charlotte, NC 28204	Open Public Comment
Siemens Energy, Inc.	5101 Westinghouse Blvd., Charlotte, NC 28273	Open Public Comment
7-Eleven # 41168	11410 Ramah Church Road, Charlotte, NC 28212	Open Public Comment
Vulcan – Portable Equipment	11020 David Taylor Drive, Suite 400, Charlotte, NC 28262	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions.

A. General Comments to the Commission

None.

Rosa Mustafa arrives at 11:40 a.m. and at this time a quorum was present for the meeting.

3. Approval of Minutes

With a quorum present, Chair McGrath opened the floor for the approval of the October AQC meeting minutes.

Action Taken:

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

Made: The motion was made by Gordon Miller and seconded by Jamie Watts.

Vote: The motion was adopted unanimously.

4. Request for AQC Action on 2020 MCAPCO Revisions

Chuck Greco, Air Quality Supervisor, was introduced to discuss the proposed revisions to the Mecklenburg County Air Pollution Control Ordinance (MCAPCO) to incorporate necessary changes to state rules. This adoption will consist solely of state rules adopted by reference that includes rules as revised by the state from Groups 1, 3 and 4 of its Periodic Review of Existing Rules process. The AQC members received an electronic copy of the summary of the proposed revisions with the AQC agenda for review. The MCAPCO proposed revisions will be presented for adoption to the Mecklenburg County Board of County Commissioners (BOCC) at the February 18, 2020 BOCC meeting.

Most of the proposed revisions are editorial in nature that do not change the intent or interpretation of the rule. Chuck highlighted a few significant changes in the proposed revisions to the following rules:

- MCAPCO Regulation 2.1104) 15A NCAC 2D .1104 “Toxic Air Pollutant Guidelines” which lists the acceptable property-line air concentrations (Acceptable Ambient Levels, or AALs) with which a facility must demonstrate compliance.
- (MCAPCO Section 2.1200) 15A NCAC 2D .1200 “Control of Emissions from Incinerators” which establishes requirements under which existing incinerators not subject to a federal New Source Performance Standard (NSPS) are required to operate.

- (MCAPCO Regulation 1.5110) 15A NCAC 2D .1806 “Control and Prohibition of Odorous Emissions” establishes the requirements for a facility to control odorous emissions beyond its boundaries.

There was some discussion about the proposed revisions. A motion was made that the AQC support the recommendations for the proposed revisions to MCAPCO and opening of the public comment period.

Action Taken:

Motion: A motion was made that the AQC support the proposed MCAPCO Revisions and opening of the public comment period that will end on December 27th due to the Christmas holiday.

Made: The motion was made by Gordon Miller and seconded by Jamie Watts.

Vote: The motion was adopted unanimously

[Written handout: Summary of February 18, 2020 revisions to the Mecklenburg County Air Pollution Control Ordinance]

5. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

Annual Forum

Gordon Miller recognized the MCAQ staff for a great job with the Annual Air Quality Forum held at Suttle Ave on November 21st.

Jason Rayfield thanked Jamie Watts and Marcus Hackler for participating in the panel discussion and Peter McGrath for speaking at the meeting. The AQC members were informed that the presentations from the annual forum are available on the air quality website.

Annual AQC Report

Leslie Rhodes, Air Quality Director, informed the AQC members that Ieshishua Pierce has received the 2020 Advisory Board Annual Report schedule and the AQC annual report is scheduled to be presented at the May 5, 2020 BOCC meeting. The AQC member confirmed the May 5th date was okay to present the annual report to the BOCC. Chair McGrath asked that the annual AQC report be placed as an agenda item for discussion at an upcoming AQC meeting. Ieshishua will confirm the May 5th date with the Clerk to the BOCC.

B. Environmental Stewardship Committee Update

Chair McGrath and Leslie Rhodes updated the AQC members on the November 13th Environmental Stewardship Committee (ESC) meeting. Chair McGrath highlighted a presentation given by Chris Matthews from Mecklenburg County Park & Recreation discussing the history of Park & Rec. Chair McGrath informed the AQC members that it was stated in the presentation given by Chris Matthews that 97% of the land in Mecklenburg County will be built upon by 2030.

Leslie highlighted the County Greenhouse Gas Mitigation Overview presentation given by Megan Green at the ESC meeting. Leslie shared a few slides from the presentation with the

AQC members that provided an overview of action items discussed at the meeting as well as some goals for the November 13th meeting. There was some examples provided at the meeting of traditional Air Quality topics versus Climate Changes topics to help illustrate the difference between the two topics. A recommended schedule of topics for future meetings was shown to the AQC members, which include a briefing on Duke Energy's Net-Zero Goal at the December meeting. Leslie informed the AQC members that Ieshishua Pierce will forward them upcoming ESC meeting agendas once received by staff.

[PowerPoint Presentation: slides shown from the County Greenhouse Gas Mitigation Overview given at the November 13, 2019 Environmental Stewardship Committee Meeting]

C. 2018 Mecklenburg County Fleet Inventory

Megan Green, Mobile Source Program Manager, gave a presentation on the draft 2018 Mecklenburg County Fleet Inventory. Biennially, Air Quality conducts an emissions inventory of Mecklenburg County owned and operated vehicles and equipment. The inventory focuses on quantifying Nitrogen Oxide (NOx) emissions from the County's fleet. The overall message was that Mecklenburg County's fleet is getting cleaner. In 2018, the combined fleet NOx emissions were 21% less than the previous inventory year, 2016, and 72% less than the baseline year 2010. For on-road vehicles, the NOx emissions per mile driven was 12% less than the previous inventory year and for non-road equipment, the NOx emissions per operation hour was 15% less than the previous inventory year.

The following success stories were shared during the presentation:

- Solid waste replaced a dump truck through GRADE reducing almost a half-ton of emissions per year.
- Park and Rec testing electric lawn equipment purchased by MCAQ.
- Solid Waste using electric golf carts for on-site transportation at disposal facilities instead of trucks.

[PowerPoint presentation: 2018 Mecklenburg County Fleet Emissions Inventory(draft)]

Jeff Baker arrives at 12:36 p.m.

6. Next Meeting

The AQC members discussed keeping or changing the meeting date for the December 23rd AQC meeting. A motion was made to cancel the December 23rd AQC meeting. However, a public meeting will still be scheduled for this day to open comment on any permit actions.

Action Taken

Motion: A motion was made to cancel the December 23rd AQC meeting.

Made: The motion was made by Gordon Miller and seconded by Jamie watts.

Vote: The motion was adopted unanimously.

7. Adjournment

12:44 p.m.

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.