



MECKLENBURG COUNTY - *Air Quality Commission* -

Monday, January 27, 2020, 11:30 a.m.
Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, January 27, 2020, 11:30 a.m. in the Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

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

Air Quality Commission Members Absent

Rosa Mustafa

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Chuck Greco
Aaron Matijow	Sheldon Turner	Katie Nordin	Evan Shaw	Kelly Grass
Cecilia Tierney	Kileigh Welshofer			

Guest

Ed Tavares, Asset and Facility Management	David Boraks, WFAE News
Mark Hahn, Asset and Facility Management	Michael Falero, WFAE News

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 November AQC meeting minutes.

Action Taken:

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

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

Vote: The motion was adopted unanimously.

Recognition of Guests

Chair McGrath recognized David Boraks and Michael Falero from WFAE News attending the 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.

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

A. Air Quality Permit Reviews

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

Facility Name	Facility Address	Action Type
Kloeckner Metals (Black Sachel)	624 Black Satchel Drive, Charlotte, NC, 28216	Open Public Comment
Kloeckner Metals (Exchange)	1300 Exchange Street, Charlotte, NC, 28208	Open Public Comment
7-Eleven # 38494	18830 West Catawba Ave, Cornelius, NC 28031	Open Public Comment
7-Eleven # 41253	11112 Mt Holly Road, Charlotte, NC 28214	Open Public Comment
SteelFab, Inc.	8623 Old Dowd Road, Charlotte, NC 28214	Alternative Notice

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

B. General Comments to the Commission

None

4. Request for AQC Action- Approval of Administrative Hearing Panel

The AQC members were informed that an administrative hearing regarding a penalty assessment has been scheduled for February 5th at Suttle Avenue starting at 2:00 p.m. in the Hal Marshall Conference room. Peter McGrath, Terry Lansdell, Jamie Watts, Gordon Miller and Marcus Hackler have volunteered to serve on the hearing panel.

Action Taken:

Motion: A motion was made to appoint the hearing panel to represent the Air Quality Commission at the administrative hearing.

Made: The motion was made by Gordon Miller and seconded by Terry Lansdell.

Vote: The motion was adopted unanimously.

5. Updates and Presentations

Chair McGrath opened the floor to receive announcements.

A. Announcements

AQC membership update

Leslie Rhodes, Air Quality Director, informed the AQC members that Jeff Baker and Aaron Levy have been removed from the AQC for not meeting the 65% attendance requirement. It was stated

that both, Jeff Baker and Aaron Levy would like to be reappointed to the AQC and have been asked to submit an application for the AQC. Staff will work to get them reappointed once the applications have been submitted. There was some discussion on this agenda item among the AQC members.

AQ Personnel

Jason Rayfield introduced Katie Nordin as the new Environmental Specialist in the Permitting & Enforcement Program.

State Periodic Review of Rules Update

The AQC members were informed that the State is taking action on the Group 6 Rules and will open a public comment period soon. An update will be given at the February AQC meeting.

Breathing Room Update

Megan Green, Mobile Source Program Manager, informed the AQC members that the implementation plans for the “now” strategies of Breathing Room are available on the MCAQ website.

B. County Greenhouse Gas Inventory

Megan Green informed the AQC members at the October meeting that Chair of the Environmental Stewardship Committee (ESC), Commissioner Elaine Powell reached out to Air Quality staff with questions concerning the County Fleet and Greenhouse Gas (GHG) Emissions Inventory. Megan provided an update on the 2018 Mecklenburg County Fleet Inventory at the November AQC meeting and informed the AQC members that an update on the County Greenhouse Gas Inventory would be given at the January AQC meeting.

Megan provided the AQC members with a summary of the Greenhouse Gas Emission Inventory presentation given at the January 14th ESC meeting. The inventory quantifies emissions of multiple GHG and results are reported in CO₂e (carbon dioxide equivalent). The Greenhouse Gas Emission Inventory for Mecklenburg County Government operations shows that buildings & facilities contributes to 84% of GHG and fleet (on-road vehicles & nonroad equipment) contributes 16%. The Mecklenburg County Government 2018 CO₂e emissions by source shows electricity usage as the largest source of GHG. Megan thanked Sheldon Turner for helping to gather the data for the presentation.

[Written handout: Mecklenburg County Government 2018 Emissions Inventories Greenhouse Gases & Fleet NO_x (PowerPoint presentation given at the January 14th, Environmental Stewardship Committee Meeting)]

C. Options for Reducing GHGs from Building/Facility Sector

Leslie introduced Mark Hahn, Department Director and Ed Tavares, Energy Manager, from Mecklenburg County Asset and Facility Management (AFM) to discuss the options for reducing GHGs from building/facility sector. Ed Tavares presented a draft of the GHG Mitigation for Mecklenburg County Facilities PowerPoint presentation that will be given at the February ESC meeting. Some objectives of the presentation outline strategies & costs to move Mecklenburg County facilities to net zero carbon by 2030, greening the local grid, and provide benefits to the local economy.

Net zero results when a zero energy building (ZEB) produces enough renewable energy to meet its own annual energy consumption requirements. There was some discussion on site energy vs. source energy. It was stated that as Duke Power phases out coal and Gas the amount of carbon used in electricity production will drop. Mr. Tavares discussed the following 6 steps to GHG mitigation 2030:

1. Reduce Energy use
2. Switch to lower GHG sources
3. Renewable Energy Onsite
4. Renewable Energy Offsite
5. Purchase Renewable Energy Certificates or Offsets
6. Employ Energy Storage

There was some discussion about the 6 steps to GHG mitigation 2030 and some of the AQC members provided the following feedback.

- Discussion on REC's doesn't represent local redemptions
- Benefits of how much you are getting for money spent
- Local/Regions benefits

Mr. Tavares informed the AQC members that there are options for reducing net GHG emissions and some options cost more than others. At this point it would be unlikely that all GHG emissions could be brought to zero through solar energy production and energy efficiency measures alone. RECs and Offsets could bridge the gap until technology has advanced, regulations change, or the amount of source carbon in electricity drops substantially.

[Written handout: GHG Mitigation for Mecklenburg County Facilities (draft) PowerPoint Presentation]

D. FY21 Budget Priorities

Chair McGrath thanked the AQC members for the comments provided for the FY21 budget priorities; the FY21 Budget Priority Request from AQC to County Manager memorandum was sent to the Mecklenburg County Manager on January 17th. Leslie highlights some of the budget priorities addressed in the memorandum. Chair McGrath informed the AQC members of two upcoming budget workshops on February 11th and 25th.

E. Annual Report to the BOCC- Planning

This action item was tabled to the February AQC meeting.

6. Next Meeting

February 24, 2020

7. Adjournment

1:06 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 24, 2020, 11:30 a.m.
Woods Conference Room
Fourth Floor, 2145 Suttle Avenue, Charlotte, NC

The monthly meeting of the Mecklenburg County Air Quality Commission was held Monday, February 24, 2020, 11:30 a.m. in the Woods Conference Room, at 2145 Suttle Avenue, Charlotte, NC.

Air Quality Commission Members Present

Peter McGrath	Gordon Miller	Rosa Mustafa	Jamie Watts	Brian Magi
Marcus Hackler	Terry Lansdell			

Air Quality Commission Members Absent

Fern Paterson

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Chuck Greco
Aaron Matijow	Sheldon Turner	Evan Shaw	Ivonne Hernandez	Kelly Grass
Cecilia Tierney	Kileigh Welshofer	Danielle Jones		

Guest

Ed Tavares, Asset and Facility Management

Mark Bevilacqua, Asset and Facility Management

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 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

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

A. Air Quality Permit Reviews

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

Facility Name	Facility Address	Action Type
Kamps Pallets	5104 North Graham Street, Charlotte, NC 28269	Open Public Comment
Harris Teeter Fuel # 263 - Davidson	601 Griffith Street, Davidson, NC 28036	Open Public Comment
ALSCO, Inc.	4700 Dwight Evans Rd, Charlotte, NC 28217	Information Only
Bendel Corporation	4823 North Graham Street, Charlotte, NC 28269	Information Only
Pineville Quarry	10526 Old Nations Ford Road, Charlotte, NC 28273	Information Only
Town and Country Ford, Inc.	5401 E. Independence Blvd, Charlotte, NC 28212	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

Particle Falls

Brian Magi informed the AQC members that the Particle Falls exhibit will return to Charlotte the last week of February through March at the UNC Charlotte Center City Building. Clean Air Carolina is helping to sponsor Particle Falls exhibit.

FY2021 Budget

Leslie Rhodes, Air Quality Director, informed the AQC members that she is currently working on the FY2021 Air Quality budget that is included as part of the FY2021 LUESA budget. A summary of the budget will be emailed to the AQC members for review and they can take action to endorse the budget at the March AQC meeting.

AQC membership update

Leslie informed the AQC members that Jeff Baker has elected not to re-apply for the AQC due to his work travel schedule. The BOCC appointed Kate Lewin to the public slot at the February 11th meeting and deferred Aaron Levy's re-appointment to receive some additional information.

Chair McGrath attended the BOCC meeting and spoke on behalf of the AQC supporting Dr. Levy's re-appointment to the AQC. Chair McGrath informed the AQC members that the BOCC has a subcommittee studying the BOCC policy for Advisory Boards and the subcommittee will report back to the BOCC before a decision is made on Dr. Levy's re-appointment.

Airwaves newsletter

Jason informed the AQC members that the Airwaves newsletter was emailed out on February 24th and recognized Ieshishua Pierce for coordinating the newsletter.

State Periodic Review of Rules Update

The AQC members were informed that the BOCC approved the MCAPCO revisions adopted by reference at the February 18th meeting. It was stated that the State has opened the public comment period for Group 6 rules and it will run through April 17th. MCAQ staff has reviewed the rules and see no significant changes for local rules. A public hearing is scheduled for March 31st in Raleigh. Gordon Miller asked a question concerning when the 10-year period starts for the rule review. Jason will find out more information on this Gordon's question.

DERA Grant Application

Megan Green, Mobile Source Program Manager, informed the AQC that staff will submit a Diesel Emission Reduction Act (DERA) grant application to receive \$500,000 funding for GRADE projects.

Cleaner Truck Initiative

Megan informed the AQC about the cleaner trucks initiative which is an effort by EPA to revise nitrogen oxide (NOx) emission standards for heavy duty trucks.

B. Net-Zero Fleet Options

Ed Tavares, Energy Manager, and Mark Bevilacqua, Fiscal Administrator, from Mecklenburg County Asset and Facility Management (AFM) gave a presentation on the draft options for reducing carbon emissions from the County fleet that will be presented at the March Environmental Stewardship Committee meeting. Some objectives of the presentation are to outline steps to move the Mecklenburg County fleet to net zero carbon and present one scenario with costs to achieve net zero by 2030.

Mecklenburg County Government's 2018 CO₂e Emissions by source show that about 15% of the County's greenhouse gases (GHG) comes from fleet. It was stated that Mecklenburg County's fleet uses gasoline and diesel as fuel for on road and off road vehicles. Data shows 8,321 tons of carbon released from County fleet (on and off road vehicles).

Mr. Tavares discussed the following 4 steps to getting to net zero carbon in County Fleet:

- Improve Fleet Carbon Efficiency
- Construct Charging Infrastructure
- Install Onsite Solar Power
- Purchase Carbon Offsets

There was some discussion on the fast track vehicle replacement and fast track plan 2030. The AQC members provided some feedback on the presentation. There was a request from the AQC members to add School Bus Electrification as a topic at a future meeting. Leslie informed the AQC members of MCAQ staff efforts in purchasing cleaner fleets. MCAQ will be replacing a

2002 Ford Focus with a Chevy Volt and the replacement of two vehicles for 2 Nissan leaf vehicles has been included in the FY2021 budget.

[Written handout: Steps to Net Zero-Carbon for Mecklenburg County Fleet (draft) PowerPoint Presentation]

C. Administrative Hearing Report

Chair McGrath updated the AQC members on the administrative hearing regarding a penalty assessment that was held on February 5th. The hearing panel consisted of Peter McGrath, Terry Lansdell, Jamie Watts, Gordon Miller and Marcus Hackler. Chair McGrath informed the AQC members that the panel upheld the penalty as assessed and asked for a motion to be made for approval of the panel's decision.

Action Taken:

Motion: A motion was made to approve the decision that the AQC hearing panel made on the hearing.

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

Vote: The motion was adopted unanimously.

Gordon Miller recognized Danielle Jones, Ivonne Hernandez and Jason Rayfield for their efforts and a great job with presenting facts concerning this administrative hearing.

D. Annual AQC Report Planning

In preparation of the 2019 AQC annual report, an email of possible content for the annual report was sent to the AQC members for review. The AQC members were informed in the email that they would be asked to help draft articles for the report and a copy of the 2019 meeting minutes would be provided for reference. There was some discussion to keep the same format as the 2018 AQC report and the topic were assigned from the 2019 possible content list for the report. The timeline was provided for the annual report and the AQC members were informed that a follow-up email would be sent to include the guidelines for the draft articles, the 2019 AQC summary meeting minutes and topic assignments.

5. Other Business

Leslie invited the AQC members to LUESA University that will be held on March 5th at UNC Charlotte. She informed them that Ieshishua would send an email with more details for the event.

6. Next Meeting

March 23, 2020

7. Adjournment

12:56 p.m.

Air Quality Commission Summary Minutes

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 -

The virtual AQC meeting was held using [WebEx](#) on Monday, May 18, 2020 at 11:30 a.m.

AGENDA

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:30 a.m. Chair McGrath gave some guidelines for the virtual meeting before asking for a roll call of the meeting attendees.

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

Peter McGrath	Gordon Miller	Rosa Mustafa	Jamie Watts	Brian Magi
Marcus Hackler	Terry Lansdell	Fern Paterson	Kate Lewin	

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Jeff Francis
Chuck Greco	Aaron Matijow	Sheldon Turner	Evan Shaw	Ivonne Hernandez
Tori Jercich	Sheila Holman			

Chair McGrath recognized and welcomed Kate Lewin to the AQC. Ms. Lewin was appointed to the AQC in February to fill one of the general public allocations.

2. Approval of Minutes

Chair McGrath asked for a motion 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 Terry Lansdell.

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

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

Action Required: Open Public Comment Period

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
Charlotte Pipe & Foundry Company, Inc.	1335 S. Clarkson St., Charlotte, NC 28208	Open Public Comment

Daumar Industries Corporation	13265 Reese Blvd E, Huntersville, NC 28078	Information Only
Duke Energy - McGuire Nuclear Station	12700 Hagers Ferry Road, Huntersville, NC 28078	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. There were some questions concerning the Charlotte Pipe & Foundry permit application and potential move of the facility. Jason informed the AQC members that the move would likely be a few years out and the current permit is needed to add a new e-coat process to their operation and to remove several other pieces of equipment. Fern Paterson recused herself from the discussion due to Charlotte Pipe and Foundry being a client of her law firm. The AQC members were informed that a public notice of the intent to issue the permit has been published in the Charlotte Observer legal notices, on the MCAQ website and an email will be sent to the 2019 Charlotte Pipe public hearing participants.

B. General Comments to the Commission
None

4. Request for AQC Action on AQC Annual Report

Chair McGrath informed the AQC members that the 2019 Annual AQC Report needed to be approved before it is submitted to the Mecklenburg County Board of County Commissioners (BOCC). The 2019 Annual Report was emailed to the AQC members for review before the meeting. There was a motion made to approve the 2019 Annual Report and recommend to the BOCC.

Action Taken:

Motion: A motion was made to approve the 2019 Annual Report and recommend to the BOCC.

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

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

MCAQ staff will submit the report to the BOCC and work with the Clerk to the Board to find out the options for presenting the report before the BOCC.

[Written handout: 2019 AQC Annual Report]

5. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

State Periodic Review of Rules Update

The AQC members were given an update on the Group 6 rules. It was stated that a virtual public hearing was held on March 31. There were comments received on the rules and the State is currently finishing the review of the written comments. Group 6 rules should go to the NC Environmental Management Commission (EMC) in July. Jason provided the AQC members with an answer to Gordon Miller's question concerning when the 10-year period starts for the next rule review. The next review must be completed by 2030.

AeroGRADE/GRADE Updates

Megan Green, Mobile Source Program Manager, provided the AQC members with an update on AeroGRADE projects. There has been an AeroGRADE project funded with Estes to replace diesel

equipment with an electric equipment that should result in significant emissions reduction. The AQC members were informed that the airlines have been impacted by COVID 19 requiring a pause to be implemented on purchases. Staff is currently working with the EPA to revise the scope of projects to work so other, non-airlines projects can be funded within other goods movement sectors.

Air Quality Learning Station (AQLS) Update

The AQC members were informed that the foundation for the AQLS was poured in March before the stay-at-home order went into effect. Due to travel restrictions resulting from the stay-at-home order, final installation on monitoring and solar equipment has been delayed. The Mobile Source staff has shifted to developing learning activities for the station in partnership with other organizations.

Monitoring Updates

Jeff Francis, Air Monitoring Program Manager, informed the AQC members that the 2020-2021 Annual Monitoring Network Plan and 2020 5-Year Network Assessment are currently available for a 30 day public comment period on the MCAQ website. There are two modifications noted in each document concerning the Nitrogen Dioxide (NO₂) Monitoring and the Photochemical Assessment Monitoring Station (PAMS) implementation. The 30 day public comment period ends on May 28.

B. Memo Regarding FY21 Overhead

The AQC members were emailed a memorandum regarding the FY21 overhead after the County Manager presented the FY21 budget recommendations to the BOCC. There was a request from the AQC for clarity about the memo and this action item was added to the agenda for discussion. Leslie Rhodes, Air Quality Director, informed the AQC members that over the past five years, Air Quality as a Division of Land Use and Environmental Services Agency (LUESA) has had a fixed overhead cost estimated just under \$55,000.00 which helps cover human resources, finance, the County attorney, and IT expenses.

The AQC members were informed that according to the County's third-party contractor, the cost allocation for Air Quality was calculated to be \$510,477.00. The formula used to calculate the allocation is an audited formula used for Social Services, however, it was calculated with old data for Air Quality. It was stated that the allocation amount is being reviewed and that Air Quality has been assigned an overhead amount of \$96,800 for FY21. Leslie informed the AQC members that Air Quality is able to meet this obligation for FY21 and that there will be more discussion at future AQC meetings concerning the possible overhead increase for future fiscal years.

The following questions were asked:

- Are other departments seeing a decrease in overhead cost? (Other divisions within LUESA are seeing similar increases. Not sure about other departments.)

- What is the reason for increase? (To align LUESA's Overhead with current audited overhead formulas applied to other departments)
- Does the budget account for technology needs associated with working from home during COVID? (Some technology is being provide at the county level and the remaining is covered by the MCAQ budget.)

Leslie addressed the questions and informed the AQC members that she has checked with other local air quality programs as well as the State to discuss their overhead cost.

C. Q & A on COVID 19 Impact to MCAQ Operations/Services

Chair McGrath asked if there were any questions from the AQC on COVID 19 impacts to MCAQ's operations or services. Leslie highlighted some current operations such as phone compliance check-ins and virtual inspections for asbestos program as staff continue to operate in a telework scenario.

6. Other Business

FY21 Budget Priorities

Chair McGrath informed the AQC members that an email had been received from the County Manager asking for input for the FY21 County Budget. Chair McGrath reminded the AQC members that the commission had provided a list of budget priorities in a letter to the County Manager on January 17th. It was stated the recent email received was a follow-up to see if the AQC had any additional input to add to the list of budget priorities documented in the letter. The AQC members were informed that staff do not have any recommendations of changes and it was agreed upon that the AQC members were okay with the previous letter submitted on January 17th.

Virtual Meetings

There was a question about the transition to virtual AQC meetings and will this allow attendance to be counted for members who are not able to physically attend meetings once the in-person regular meetings resume. Chair McGrath explained that the NC Legislature has amended the rules to allow virtual meetings. Leslie informed the AQC members that has been some discussion on this topic and that guidance from the County Attorney addressing this will be coming soon. It was stated that the AQC may have to amend the charter to address this change and staff will provide information if the AQC has the authority to change the charter at the next AQC meeting.

7. Next Meeting

June 22, 2020 (virtual meeting)

8. Adjournment

12:38 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* -

The virtual AQC meeting was held using [WebEx](#) on Monday, June 22, 2020 at 11:30 a.m.

A G E N D A

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:31 a.m. Chair McGrath asked that audio only be used for the WebEx meeting to help with the bandwidth for the WebEx meeting.

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

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

Air Quality Commission Members Absent

Kate Lewin	Rosa Mustafa
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Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Jeff Francis
Chuck Greco	Aaron Matijow	Sheldon Turner	Tori Jercich	Ivonne Hernandez
Kileigh Welshofer				

Remarks of Chair McGrath

This marks our first meeting since the death of George Floyd and the protests that ensued in Charlotte, and around the country and the world. I would like to take a moment to honor Mr. Floyd's memory, and the spirit of the protests seeking change in response. It may appear initially that this movement for change is not related to the work of the AQC, but we know that is not so. I have spoken to many of you individually, and we have spoken often in our meetings. I am certain that each of us realizes that an important part of our mission is to do our best to ensure that the burdens of air emissions and air quality do not fall unfairly or unjustly on any members of our community, but especially not on communities of color, the elderly, the poor, or the sick. I know this is important to each of you and will naturally be a part of our work. I would ask each of us, though, in the coming year, to make a special effort to remember that in all of our work.

2. Approval of Minutes

Chair McGrath asked for a motion for the approval of the May AQC meeting minutes.

Action Taken:

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

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

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

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

Action Required: Open Public Comment Period

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
Kurz Transfer Products LP (Huntersville Facility)	11836 Patterson Road, Huntersville, NC 28078	Open Public Comment
Harris Teeter Fuel #439 – Rea Village	11041 Golf Links Dr, Charlotte, NC 28277	Open Public Comment
7-Eleven # 41352	11550 N Tryon Street, Charlotte, NC 28262	Open Public Comment
CORMETECH, Inc.	11707 Steele Creek Road, Charlotte, NC 28273	Information Only
GPI Converting, LLC - Pineville	8800 Crump Road, Pineville, NC 28134	Information Only
Hi-Way Paving Plant 4414 - Charlotte Airport	7322 Old Dowd Road, Charlotte, NC 28214	Information Only
Martin Marietta Materials, Inc. - Charlotte Quarry	4551 Beatties Ford Road, Charlotte, 28216	Information Only

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

The AQC members were informed that the Kurz Transfer – Huntersville Facility is a new site for a screen-printing facility.

B. General Comments to the Commission

None

4. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

Charlotte Pipe & Foundry permit application update

Brian Magi asked if there was a follow-up from MCAQ staff about the public comments received for the Charlotte Pipe & Foundry permit application. Jason informed the AQC members that the open public period for public comments was extended to 30 days and closed on June 17th. Staff is reviewing and processing the public comments; there has been no request for a public hearing. An update will be provided at the July AQC, staff will reach out to the AQC members to gather feedback should the need arise during review of the public comments.

State Periodic Review of Rules Update

The AQC members were informed by Jason Rayfield that the hearing report for Group 6 will be presented to the NC Environmental Management Commission (EMC) on July 9th. Once the

Group 6 rules are finalized, MCAQ will review and adopt locally and the 10-year period will start again for the state for the next round of rule reviews.

DERA Funding Awarded

Megan Green, Mobile Source Program Manager, informed the AQC members that MCAQ has been awarded \$500,000 grant by EPA that will be used for GRADE projects that will not be restricted to a specific sector.

Environmental Justice Grant

The AQC members were informed that staff is finalizing an application for the State Environmental Justice Cooperative Agreement Program (SEJCA) grant funds from the EPA that would develop and implement a community-based social marketing pilot project in an environmental justice community affected by COVID.

Social Media Summertime Campaign

The AQC members were informed that in lieu of the 2020 clean commuter campaign staff would launch a social media campaign that provided clean air tips at home to identify ways to reduce air pollution while you're #saferathome. Staff would love to receive tips from AQC members; a follow-up email will be sent out with additional information on the social media campaign.

B. Analysis of AQ During Stay @ Home

Jeff Francis, Air Monitoring Program Manager, gave a presentation on analysis of air quality during the stay at home order. The analysis of ambient air monitoring data collected from March 26, 2020 through April 29, 2020 from three air monitoring sites, Garinger High School NCore, Remount Near-road and University Meadows ozone air monitoring stations reviewed data for PM2.5, CO, NO2 and O3.

The results from the stay at home analysis showed that the 2020 mean hourly concentrations for PM2.5, CO, NO2 and O3 were lower than previous multi-year mean hourly concentrations. The Remount near-road monitoring site mean hourly concentrations exhibited greater declines than the Garinger area-wide monitoring site mean hourly concentrations for PM2.5, CO, and NO2. Meteorologically predicted 2020 O3 mean hourly concentrations were greater than measured 2020 O3 mean hourly concentrations.

It was stated that staff had received several requests from the public, media and the AQC asking how the stay at home order has affected the air quality. There was some discussion on whether the traffic count was incorporated into the analysis and if there is similar data analysis available from other areas in the NC region or throughout the country. Jeff informed the AQC that staff did not look at traffic count. It was stated that when the traffic count data become

available it would be added to the analysis. This presentation will be given at the Environmental Steward Committee (ESC) July meeting.

[Written handout: Stay at Home Analysis Final (PowerPoint Presentation)]

C. Environmental Stewardship Committee Updates

Megan Green, Mobile Source Program Manager, gave a presentation to the AQC members on the social cost of carbon. This presentation was given to the ESC earlier this month as a follow-up response to what would be the cost of doing nothing to reduce greenhouse gas emissions. Social Cost of Carbon (SCC) is an estimate, in dollars, of the long-term damage done by a ton of greenhouse gas emissions each year. The social cost of these greenhouse gases increased over time. The analysis assumes 2018-level GHG emissions from County operations. From 2020 to 2030, the projected cumulative cost to the community if no additional actions are taken to reduce carbon is estimated to be \$29 million.

[Written handout: Social Cost of Carbon (PowerPoint Presentation)]

Modified Environmental Leadership Policy

Leslie Rhodes, Air Quality Director, gave a presentation on the Draft Modified Environmental Leadership Policy. A draft version of the policy was shared with the AQC members to gather input and feedback before it will be presented to the ESC in September. The Mecklenburg Board of County Commissioners (BOCC) passed the Environmental Leadership Policy in 2004. Modification to the policy was a group effort led by Assistant County Manager, Leslie Johnson, and a staff team that included Leslie Rhodes and Megan Green.

Leslie highlighted new information that has been added to the policy such as the following:

- Connects with health
- Advances equity which includes a statement from the County Manager on equity and inclusion
- Recognizes the need for resiliency to future environmental conditions
- Mecklenburg County has determined that a holistic, integrated approach to environmental leadership is more effective than multiple single-issue policies.

It was stated that revisions have been incorporated on climate change and the collective call for action that adds Mecklenburg County leadership and elected officials. Leslie highlighted four new action plan objectives and there were some questions concerning number two if it should read net zero carbon emissions or greenhouse gas emissions. There were several questions on the policy and feedback given to add a reference defining green infrastructure concerning number seven action plan objective.

Terry Lansdell suggested the following consideration on the RESOLUTION FOR MODIFICATION OF THE ADOPTED ENVIRONMENTAL LEADERSHIP POLICY.

- In the climate change where as, can you consider including “transportation needs” to the list? As it relates to objective 7, would you consider adding a reference to transportation needs in this item as well.

Brian Magi had a question concerning the impact of community growth revision asking if there will be some resistance to that statement because it may frame growth in a negative way.

Leslie stated staff will work with Brian on the language. The AQC members were asked to email written comments to Ieshishua.

[Written handouts: Modified Environmental Leadership Policy -Draft Version (PowerPoint Presentation), DRAFT Environmental Leadership Policy DRAFT to AQC]

D. Update on MCAQ Operations

Leslie Rhodes informed the AQC members that staff will continue to telework through July and more updates will be provided at the July AQC meeting. The Air Monitoring staff is working to resume filter-base sampling in July that was put on hold during the stay at home order. Staff has also requested special permission to allow an EPA contractor on site at Suttle Ave to fix a radiation monitor that is currently down. The AQC members were informed that the Permitting & Enforcement staff is preparing a plan to resume some critical on-site inspections at stationary sites in September. The plan for inspections will be presented at the July or August AQC meeting.

Jason was asked to provide the AQC members with an update on phone compliance and virtual inspections. It was stated that a phone compliance check-in was completed with all Title V sites and virtual inspections for the asbestos/NESHAP program are being conducted with before and after pictures at asbestos removal jobs. The AQC members were informed that the Mobile Source staff are having virtual meetings for Air Awareness and business coalition activities.

F. 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 66 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

There was a question asked if the AQC would receive an update on the Air Monitoring Plan. Jeff informed the AQC members that the public comment period has end and no comments were received.

[Written handout: Ozone Season Update (dated June 22, 2020)]

5. Next Meeting

July 27, 2020 (virtual meeting)

6. Adjournment

1:16 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 -

The virtual AQC meeting was held using [WebEx](#) on Monday, July 27, 2020 at 11:30 a.m.

AGENDA

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:30 a.m.

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

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

Air Quality Commission Members Absent

Aaron Levy

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Jeff Francis	Evan Shaw
Chuck Greco	Aaron Matijow	Tori Jercich	Ivonne Hernandez	Kileigh Welshofer	

Rosa Mustafa joins at 11:31 a.m.

2. Approval of Minutes

Chair McGrath asked for a motion for the approval of the June AQC meeting minutes.

Action Taken:

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

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

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

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

Action Required: Open Public Comment Period

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
Web-Don, Incorporated	1400 Ameron Drive, Charlotte, NC 28206	Open Public Comment
Southern Converters, Inc.	1304 Berryhill Road, Charlotte, NC 28208	Alternative Notice

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

B. General Comments to the Commission

None

4. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

Social Media Summertime Campaign

Megan Green, Mobile Source Program Manager, in lieu of the 2020 clean commuter campaign staff would launch a social media campaign that provided clean air tips at home to identify ways to reduce air pollution while you're #saferathome. Mobile Source staff has been working with Mecklenburg County Public Information staff to relaunch the social media campaign in hope to get more engagement. Staff would love to receive tips from AQC members to share on the social media campaign.

CATS Awarded a Grant for Electric Buses

The AQC members informed that CATS has been awarded a low emission, no emission grant that will be used to purchase three electric transit buses. Sheldon Turner and PJ McKenzie helped assist with the grant.

Brian Magi joins at 11:36 a.m.

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. There will be 153 sites that will receive the award representing 69% of permitted sites in Mecklenburg County.

P&E updates

The AQC members were informed that staff is continuing with virtual and phone compliance inspections. Staff is preparing a plan to resume some critical on-site inspections at stationary sites in September and more details will be shared at the August AQC meeting. It was stated that the inspections will be announced and scheduled inspections.

B. Title V Permit Fees – State Process

Fern Paterson was introduced to give a presentation on the NC Division of Air Quality Title V fee changes. Fern began the presentation with an introduction and background information on the NC Title V fees noting that the last action happened on March 1, 2008; that rule change allowed a phase-in of increasing tonnage factor fees through 2011. The consumer price index (CPI) adjustments are allowed annually via the current rule which is currently \$34.25/ton as of January 1, 2020. Several graphs were shown that provided data on Title V funds which shows cash receipts and cash disbursements over the past 17 years. An internal review of time and activities revealed

DAQ is under-charging staff time to the Title V account. Since 2006, DAQ has reduced staff from 303 to 220 and it was stated since the last fee change there has been 13% fewer Title V facilities. Data shows that Title V funding which included annual fees and application fees has decreased 27% since 2009-2010 with tons billed per year dropping by 57% since 2008. Also, NCDEQ would like to implement salary corrections to bring salaries of Title V staff in line with NCDEQ policy and improve staff retention.

Fern described the process that NCDEQ and the Title V Steering Committee, comprised of various members of the regulated community, environmental service providers, and non-governmental organizations, went through to prepare a proposal for the Title V fee structure moving forward, including a review of the fee structures and funding levels of Title V programs in other southeastern states. Ultimately, the proposal includes an increase in base annual fees, tonnage fees and permit application fees. The proposal also includes applying an additional, 2-tier annual “complexity fee.” The first tier would be applied to facilities subject to between 3 and 6 federal air programs, including NSPS, MACT and RMP regulations. The second tier would be applied to facilities subject to 7 or more federal air programs. CPI adjustments would continue to apply. The proposed fee schedule would be implemented over a three-year period. The proposal also includes a requirement for NCDEQ to conduct an accountability audit within 2 years after the effective date of the new fee schedule to evaluate allocation of costs and explore areas where additional cost reductions/efficiencies may be realized.

Fern finished by discussing schedule. NCDEQ has already presented the proposed fee schedule to the NC Environmental Management Commission, and is seeking the necessary rule revisions with a goal of having an effective date in Spring 2021.

[Written handout: North Carolina DAQ Title V Fee Changes (PowerPoint presentation)]

C. Response to Comments - Charlotte Pipe and Foundry Permit

Note: Fern Paterson recused herself from the discussion due to Charlotte Pipe and Foundry being a client of her law firm.

Jason Rayfield provided the AQC members with a timeline of the processing of the Charlotte Pipe and Foundry e-coat permit application that was submitted on March 9th. The draft permit was included on the May 18th AQC meeting. Also, on May 18th, a public notice of the intent to issue the permit was published in the Charlotte Observer legal notices, on the MCAQ website and an email was sent to the 2019 Charlotte Pipe public hearing participants. The open public period for public comments was extended to 30 days and closed on June 17th. Upon reviewing and processing the public comments received, staff emailed the response to comment document to the AQC members for review before the permit was issued on July 23rd. Staff will email the final response to comment document along with the fact sheet to the AQC members.

Leslie Rhodes informed the AQC members that MCAQ staff had reached out to 2 of 3 commenters with a phone call. Both commenters were appreciative of the enhanced public outreach and fact sheet.

D. Environmental Leadership Policy Updates

Megan Green provided the AQC members with an update on the Environmental Leadership Policy that was discussed at the June AQC meeting. Megan informed the AQC members that input received at the June meeting has been shared. The draft policy is being presented to advisory boards and once all input has been received appropriate changes will be implemented in the policy. There will be an agenda item on the August AQC meeting for discussion before being presented to the Environmental Stewardship Committee in September.

E. Monitoring Updates

Jeff Francis, Air Monitoring Program Manager, provided the AQC members with an update on the following topics:

- **Stay at Home Analysis – Traffic Slide**
Jeff gave a presentation on analysis of air quality during the stay at home order at the June AQC meeting. There was some discussion on whether the traffic count was incorporated into the analysis. Jeff informed the AQC that staff did not look at traffic count. It was stated that when the traffic count data become available it would be added to the analysis. The AQC members were shown a slide that included the traffic count data which revealed 44.4% decrease vehicle count at the I-277/US 74 and 46.1% decrease at I-77. It was stated that data shows a similar reduction of 40% statewide during the stay at home order.
- **July PM 2.5 Exceedances**
The AQC members were informed that there were elevated concentration measures due to fireworks on July 4th and 5th. It was stated that there was an exceedance at the Garinger site on both days. Chair McGrath asked Jeff if the PM10 data decrease after July 5th. Jeff will verify and get that data to Chair McGrath.
- **Saharan Dust Episode**
The AQC members were provided an update on the PM2.5 concentration during the Saharan dust episode that happened in the area on June 27-28. The PM2.5 concentration in Charlotte were code yellow which is moderate with some visibility issues.
- **Ozone**
The AQC members were given a handout that provided an ozone season update. The ozone season update showed a current ozone compliance value of 66 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

[Written handouts: Air Monitoring updates (PowerPoint presentation); Ozone Season Update (dated July 27, 2020)]

5. Next Meeting

August 24, 2020 (virtual meeting)

6. Adjournment

1:01 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* -

The virtual AQC meeting was held using [WebEx](#) on Monday, August 24, 2020 at 11:30 a.m.

AGENDA

1. Call to Order

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

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

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

Air Quality Commission Members Absent

Fern Paterson

Mecklenburg County Air Quality Staff Present

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

2. Approval of Minutes

Chair McGrath asked for a motion 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 Marcus Hackler.

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

Chair McGrath congratulated Aaron Levy and his family on the newest addition to their family. The AQC members were asked that if they have any personal or family updates that they would like to share at AQC meetings, to please provide the information.

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

Action Required: Open Public Comment Period

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
Cintas Corporation	11000 Westlake Drive, Charlotte, NC 28273	Open Public Comment
General Steel Drum, LLC	4500 South Boulevard, Charlotte, NC 28209	Open Public Comment
Lincoln Terminal Company, Inc.	7720 Mount Holly Road, Charlotte, NC 28216	Open Public Comment
7-Eleven # 41328	3000 Wilkinson Blvd, Charlotte, NC 28208	Open Public Comment
Pinnacle Films, Inc.	10701-A S Commerce Blvd., Charlotte, NC 28273	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 asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

Environmental Leadership Policy Update

Megan Green, Mobile Source Program Manager, informed the AQC members that staff is working to implement the appropriate changes from feedback received in the Environmental Leadership Policy. The Environmental Leadership Policy will be presented to the Environmental Stewardship Committee at the September 8th meeting. The meeting information will be emailed to the AQC members once received.

ACE Awards

Jason Rayfield informed the AQC members that the Air Compliance Excellence (ACE) awards were issued the week of August 17th. 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 152 sites which represents 69% of permitted sites received the ACE award.

Annual Forum

The AQC members were informed that staff is planning on conducting this year’s annual forum virtually via WebEx. More details to come once the date has been confirmed.

Volkswagen Funding

The AQC members were informed that NCDAQ announced Phase 1 awards of the Volkswagen Settlement funding the end of July. It was stated that 41 projects have been funded for the Charlotte non-attainment region which includes 3 projects for Mecklenburg County fleet all for the Solid Waste Division. Air Quality staff helped prepare application for funding request and organized several events throughout the Charlotte region. Megan Green thanked PJ McKenzie and Sheldon Turner for their work on this project.

B. AQC Role and Interaction in the Permit Process

This agenda item is a follow-up response from a question asked at the July AQC meeting. Leslie Rhodes, Air Quality Director, gave a presentation that provided a summary of how the AQC are and can be involved in the permitting process. Leslie highlighted the following three opportunities for engagement:

- The AQC members monthly review of permits improves accountability and guarantees public involvement on every permit with an emissions increase.
- Formal comments may be submitted during a comment period by the entire AQC or be submitted individually.
- The AQC members may participate in rule development. They may discuss proposed amendments to MCAPCO and request that staff research and develop new rules.

Leslie discussed three past examples of the AQC involvement in permits for Mecklenburg sites:

- Medical Waste Incinerator
- Asphalt Plant (Uptown Location)
- Asphalt Plant (Near school)

Chair McGrath suggested the following two points that he would like to bring up in future discussions:

1. Can Mecklenburg County adopt air quality rules that are more “stringent” than North Carolina state rules? What is the process for determining whether rule changes the AQC may favor would be allowed for Mecklenburg County?
2. Can the AQC as a body communicate with the BOCC regarding rules other than the Air Pollution Control Ordinance? Can the AQC, for example, recommend changes to zoning or land use regulations?

There was a request for a follow-up discussion at a future AQC meeting on the scope of the AQC to provide input on federal rulemaking. The AQC members discussed some examples in the past where they provided feedback on ozone attainment and the SIP. It was noted that there have been occasions where the AQC has provided input on Federal rules as a recommendation to the BOCC, and the BOCC submitted to the federal or state level. Terry Lansdell and Brian Magi were appreciative of the information provided by staff and both suggested it would be a good idea to include with the new AQC members orientation material. Leslie informed the AQC members that this information would be added to the orientation material and staff will incorporate a 3-month follow-up with new AQC members.

[Written handout: AQC role in permit process (PowerPoint presentation)]

C. Inspection Planning

The AQC members were informed at the July AQC meeting that staff was preparing a plan to resume some critical on-site inspections at stationary sites in September and more details would be shared at the August AQC meeting. Jason Rayfield gave a presentation on conducting inspections and compliance evaluations during a pandemic. Some highlights from permitting & enforcement (P&E) stats were given showing that 313 total compliance evaluations have been completed versus an average of 278 inspections completed each year (pre-covid19). The number of sites permitted by MCAQ has remained stable through the pandemic with 549 sites permitted as of July 31st.

Since March 15th, P&E staff has continued with virtual and phone compliance inspections. The latest EPA guidance on July 22, 2020, says the agency will work with state and locals in meeting inspection commitments given the Covid19 public health emergency. EPA will consider partial compliance evaluations in meeting those requirements. The EPA compliance monitoring strategy requires inspections at Title V sites be conducted 1 time every 2 years and at Synthetic Minor sites 1 time every 5 years. It was noted that MCAQ is on track to meet these requirements.

As MCAQ staff prepares to return to field inspections, the safety of staff, the public, and our facility contacts is paramount. Inspections will be prioritize initially starting with Synthetic Minor and Title V sites starting in October. It was stated that the inspections will be announced and scheduled inspections. Staff are also currently working to schedule Stage 1 inspections that will resume in September.

[Written handout: Inspection Planning-Compliance Evaluations During a Pandemic (PowerPoint presentation)]

D. Ozone Update

Jeff Francis, Air Monitoring Program Manager, provide 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 67 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

[Written handout: Ozone Season Update (dated August 24, 2020)]

5. Next Meeting

September 28, 2020 (virtual meeting)

6. 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.



MECKLENBURG COUNTY

- Air Quality Commission -

The virtual AQC meeting was held using [WebEx](#) on Monday, September 28, 2020 at 11:30 a.m.

AGENDA

1. Call to Order

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

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

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

Mecklenburg County Air Quality Staff Present

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

Guest

Dylan Kirk, Mecklenburg County Sustainability Coordinator

2. Approval of Minutes

Chair McGrath asked for a motion 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 Marcus Hackler.

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

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

Action Required: Open Public Comment Period

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
Bank of America - Gateway Village	800 – 900 West Trade Street, Charlotte, NC 28202	Open Public Comment
Kurz Transfer Products, L.P.	3200 Woodpark Blvd. Charlotte, NC 28206	Open Public Comment
Martin Marietta Materials - Recycled Aggregate Facility	8701 Red Oak Boulevard, Suite 540, Charlotte, North Carolina	Information Only

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

Terry Lansdell asked questions about the portable equipment for the Martin Marietta permit application. Aaron Matijow, Air Quality Supervisor, informed the AQC members that the Martin Marietta permit application was a flex change permit for portable equipment that will be moved to different Martin Marietta sites within the county. It was stated that MCAQ staff will find out where the equipment will be deployed first.

Jamie Watts enters the meeting at 11:40 a.m.

B. General Comments to the Commission

None

4. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

FY22 MCAQ Budget Overhead

Leslie Rhodes, Air Quality Director, informed the AQC members that discussion has begun for FY22 overhead expenses and staff will provide an update at the October or November AQC meeting.

Mobile Source Program updates

Megan Green, Mobile Source Program Manager, announced that an open call for GRADE projects will start in October and run through the end of the year. There will be \$2 million available for funding of on-road and non-road projects.

AQC Recruitment

The AQC members were informed that recruitment for the three vacant public slots and three expiring terms has started. Staff has updated the AQC homepage and developed social media content marketing the vacant or expiring seats on the AQC. Staff would like to personalize the social media content by featuring current AQC members, an email will be sent to the AQC members asking for input.

Annual Forum

The AQC members were informed that staff will be conducting this year’s annual forum virtually via WebEx on Tuesday, November 10th. The AQC members will receive an email invitation to attend the event.

Permitting & Enforcement updates

The AQC members were provided an update on the inspection planning agenda item from the August AQC meeting agenda. Jason Rayfield informed the AQC members that Stage 1 gasoline field inspections have been going well over the past three weeks. Stationary site and asbestos NESHAP field inspections will start in October. Inspections will be prioritize starting with open-air, Synthetic Minor and Title V sites; the inspections will be announced and scheduled inspections.

B. Environmental Leadership Policy- Action Plan

Leslie recognized Dylan Kirk, Mecklenburg County Sustainability Coordinator, to give an update on the Environmental Leadership Policy Action Plan. It was stated the revised Environmental Leadership Policy was presented to the Environmental Stewardship Committee (ESC) at the meeting held earlier this month and the Action Plan is scheduled to be presented at the October meeting.

Dylan informed the AQC members that the ESC requested staff review current environmental initiatives and policies. The internal team was to address advocate requests for Mecklenburg County to strengthen its commitment to greenhouse gas reduction goals in order to address the climate crisis.

The internal team developed the four focus area:

- Energy & Facilities
- Operations
- Natural Environment
- Policies & Partnerships

During the presentation, the AQC members were encouraged by Dylan to provide comments or feedback. Dylan highlighted the following project influences and assumptions:

- Striving to achieve local co-benefits such as greater recreation opportunities
- There are 4 Capital Improvement Plans (CIPS) between now are 2035:
2024-2028 | 2029-2033 | 2034-2038
- As technology and cost reductions occur there is an opportunity for an accelerated pathway
- 2035 is a hard deadline with the County committing to purchasing renewable energy credits for any shortfalls

Dylan highlighted the action plan review and consultation discussing the commitment from the County and performance metrics for the four focus areas. There were some questions on the justice and equity language in the policy and if the county renewable energy production focus solely on solar or will it include other renewable energy source production. Terry Lansdell requested that transportation be included in the project influences and assumptions slide. Dylan explained that transportation has been included in the Environmental Leadership Policy Resolution and that within the Action Plan it fits best in the policies and partnership focus area. Dylan thanked everyone for the feedback and ask that any additional comments or feedback be emailed to him at

Dylan.Kirk@mecklenburgcountync.gov.

[Written handout: State of the Environmental Report (PowerPoint presentation)]

C. Commenting on Federal Rulemaking

Leslie Rhodes provided a follow-up response to a question asked by Terry Lansdell at the August AQC meeting concerning the scope of the AQC to provide input on federal rulemaking. Following the August AQC meeting an email was sent to the AQC members providing an example of an AQC recommendation and BOCC approval of sending comments to EPA regarding ozone attainment area boundaries. Leslie walked through the process where the AQC provided feedback as a citizen advisory board to the BOCC and the BOCC submitted the recommendations to the EPA. It was stated that there are opportunities for the AQC to advocate and send information to the Environmental Stewardship Committee who would present the information to the BOCC. There was some discussion on this agenda item and it was noted that Federal Rulemaking recommendation should be done through the BOCC.

D. Ozone Update

Jeff Francis, Air Monitoring Program Manager, provide the AQC members with an ozone update. The AQC members were given a handout that provided an ozone season update. Jeff highlighted the 2019 ozone compliance value of 70 ppb. The current ozone compliance value of 67 ppb represents a dramatic drop of 3 ppb this year. It was noted that the 2020 data shows the lowest 4th max 8-hr ozone average measured since 1997. There have been no exceedance days in Mecklenburg County or in the region year to date. It was stated that there has been one exceedance day this year in both Spartanburg and Georgia.

Jeff highlighted some of the compliance value drops at sites throughout the county which led to a question asking if the traffic count was included in the data and if there were any intention on collecting traffic count data from past years to compare with data for this year; especially historical years with low values to see how the data was impacted by transportation. Jeff highlighted 2013 ozone data which was a low compliance value year. Terry Lansdell pointed out that though the weather was very rainy during that ozone season, the closure of the Riverbend site was a factor. Leslie informed the AQC members that traffic data would be included in the ozone season and 2020 annual upcoming analysis. Jamie asked if this data could be used to offer an incentive for companies to continue working remotely. The AQC members were asked to provide any ideas for incentives to Leslie. The AQC members were informed that the county has not seen an uptick in PM coming from the West Coast wildfires.

Rosa Mustafa asked Aaron Levy if he could provide data on the Covid trend in Mecklenburg County. Aaron ask if this could be added as an agenda item on the October AQC agenda to give him time to review the data and provide an update.

[Written handout: Ozone Season Update (dated September 28, 2020)]

Aaron Levy leaves the meeting at 12:44 p.m.

5. Other Business

2021 AQC meeting schedule & return to in-person meetings

Gordon Miller asked if the 2021 AQC meeting schedule could be emailed to the AQC members and if staff know when in-person AQC meetings will resume. Leslie informed the AQC members that all committees and advisory board meeting are being held as virtual meeting. There has been some discussion concerning resuming in-person meetings. Staff is waiting to receive guidance concerning in-person committee meeting and the reopening of the Suttle Avenue building.

Jeff Francis Retirement

Leslie recognized Jeff Francis who will be retiring on September 30th for his exceptional service to the Air Quality Monitoring program and thanked him for providing his final update.

Appreciation of Service from the AQC members

The Commission recognized the long and productive career and faithful public service of Jeff Francis on the occasion of his retirement. The Commission thanks Jeff for his tireless work on behalf of the citizens of Mecklenburg County. The Commission has long appreciated Jeff's ability to sort through tremendous amounts of data, condense the data into an understandable presentation, and keep the Commission aware and informed of important air quality issues. He always responded with great patience and enthusiasm to our questions. He was always a great explainer of complicated technical concepts. We wish him and his family all the best as he moves to the next stage.

Jeff expressed his gratitude and thanked the AQC members.

6. Next Meeting

October 26, 2020 (virtual meeting)

7. Adjournment

12:55 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* -

The virtual AQC meeting was held using [WebEx](#) on Monday, October 26, 2020 at 11:30 a.m.

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:33 a.m. Chair McGrath read a statement from the County Attorney updating guidelines for the virtual meeting before asking for a roll call of the meeting attendees.

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

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

Air Quality Commission Members Absent

Aaron Levy

Mecklenburg County Air Quality Staff Present

Leslie Rhodes	Ieshishua Pierce	Megan Green	Jason Rayfield	Chuck Greco	Aaron Matijow
Tori Jercich	Ivonne Hernandez	Sheldon Turner	Katie Nordin	PJ McKenzie	Donna Cavaliere

Guest

Rev. Janet Garner-Mullins

2. Approval of Minutes

Chair McGrath asked for a motion 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 Jamie Watts.

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

Terry Lansdell asked with the new guidelines provided from the County Attorney should questions be asked using chat or verbally? Chair McGrath suggested anyone wanting to speak to ask verbally to be recognized.

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

Action Required: Open Public Comment Period

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 # 38880	12911 Huntersville Crossing Dr, Huntersville, NC 28078	Open Public Comment
Argos USA Reames Rd. Concrete Plant	11509 Reames Road, Charlotte, NC 28269	Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. The AQC members were informed that the Argos USA permit application was initiated by a letter sent to the facility from MCAQ after an air toxic review and an arsenic emissions compliance demonstration request. The facility agreed to add two pieces of control equipment that will help with emission reductions.

B. General Comments to the Commission
None

Chair McGrath recognized Rev. Janet Garner-Mullins who is interested in applying to serve on the AQC and attended the meeting to gather more information about the commission.

4. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

Mecklenburg County Employee Appreciation Week

Leslie Rhodes, Air Quality Director, informed the AQC members that Mecklenburg County Employee Appreciation Week kicked off today with events scheduled throughout the week to recognize employees. Leslie recognized and thanked MCAQ staff for their diligence during this work from home environment and hard work demonstrated during this period.

AQC recruitment update

Megan Green, Mobile Source Program Manager, informed the AQC members that staff is continuing to promote recruitment for the vacant slots and expired terms on the AQC. Megan thanked everyone who provided feedback for the social media recruitment campaign. It was stated that staff is encouraging potential applicants to attend virtual AQC meetings to learn more about the commission.

GRADE project

The AQC members were reminded that there is an open call for GRADE projects that will run through the end of the year.

Air Quality 101

The AQC members were informed that staff will host an Air Quality 101 virtual webinar on Thursday, October 29th. Ivonne Hernandez was asked to put the event link on how to attend in the chat box.

Rosa Mustafa enters the meeting at 11:50 a.m.

Annual Forum

The AQC members were informed that the email invite has gone out for the virtual Annual Air Quality Forum that will be held on Tuesday, November 10th from 9:00-11:00 a.m. AQC members should confirm attendance with Ieshishua. Should anyone have questions concerning the annual forum, they were informed to contact Jason or Ieshishua.

B. COVID-19 Update

Prior to the meeting, Aaron Levy informed staff that due to a schedule conflict he would not be able to attend. Chair McGrath informed the AQC members that this agenda item will be moved to the November AQC meeting.

C. New to AQC – Monthly Rezoning Comment Report

Leslie informed the AQC members that Air Quality staff review all rezoning petition received by LUESA and staff provides comments to the Charlotte-Mecklenburg Planning Commission. In August 2019, Megan Green provided the AQC members with an overview of MCAQ's procedure for reviewing rezoning petitions. Leslie informed the AQC members that moving forward staff will provide a monthly rezoning summary report based on staff's comments on rezoning petitions.

Leslie asked PJ McKenzie, Environmental Specialist, who reviews all rezoning petitions to discuss the rezoning comment report for rezoning petition received in October that will be presented to the rezoning committee in November. The monthly rezoning summary report included a link to the rezoning petition, the proposed rezoning, a parcel description and the comment summary provided by staff. PJ informed the AQC members that staff reviews the rezoning petitions for regulatory requirements (rules that requires a specific action related to industrial source permitting or asbestos NESHAP) and for other information-only (PM sensitive population) comments. MCAQ sends comments to planning staff and a letter is sent directly to the petitioner notifying them of regulatory requirement.

Rosa Mustafa asked a question on how the County was going to be involved in the process for rezoning petitions and provided an example on if staff provide comments on the number of trees are cut down for a project. Leslie explained the function of the County's review of the rezoning request and the authority for rezoning petitions are handled by the Charlotte-Mecklenburg Planning Commission. Terry Lansdell provided a follow-up to the important role that Air Quality play in land use projects and suggested a recommendation add a comment concerning traffic impact. There was some discussion on this recommendation. Leslie thanked Terry for his comments and suggested staff work with Terry outside the meeting to discuss when and how to address comment in relation to transportation.

[Written handout: Rezoning Comment Summary]

D. Air Quality Learning Station

Megan gave a presentation on the Air Quality Learning Station (AQLS) at First Ward Park that was presented to the Environmental Stewardship Committee at the October 13th meeting. The current air monitoring stations are designed for quality control, not public engagement. The goal for the AQLS is not to measure air quality but to get people to thinking about air quality. Some key feature for the AQLS are:

- First Ward Park is a high traffic area and the location is accessible to places like UNC Charlotte uptown campus, ImaginOn, and Light Rail System.
- Solar flower is a visually engaging focal point,
- Partnerships that included a diverse planning team such as NCDEQ, Clean Air Carolinas, Charlotte-Mecklenburg Schools, UNCC, Charlotte Air Awareness, Mecklenburg County Air Quality, Davidson College, Charlotte Mecklenburg Library, Mecklenburg County Park & Recreation, and Mecklenburg County Asset & Facility Management Public Information.
- Public engagement that allows real time data display and in-person learning activities coming soon.

Megan acknowledged PJ McKenzie who led the project and Dr. Brian Magi who was a part of the project team. The AQC members were informed that a ribbon cutting will be held at a later date once it is safe to meet. Jamie Watts asked if the solar flower was a unique item or a commercially available solution. Brian Magi asked a question about the installation and it was stated that installation was complete the first week of October. Marcus Hackler informed the AQC members that he was able to see the AQLS during a recent visit at First Ward Park and believe there will be some public interest concerning the learning station.

[Written handout: Air Quality Learning Station (AQLS) at First Ward Park (PowerPoint presentation)]

E. MCAQ Communication Plan

Tori Jercich, Environmental Specialist, informed the AQC members that one of the FY20 improvement projects was to create a MCAQ communication plan. The main communication goals are:

- Effectively communicate to the public and other specific audiences the work that MCAQ does within Mecklenburg County.
- MCAQ wants to be the most trusted resource on Air Quality in the region and the primary place people turn for information.

The project teams meet to plan communication messaging for the next month. Some examples were provided of audience-specific messages and delivery methods. Staff would like for the AQC members to follow @MeckLUESA and engage on social media.

[AQC Communication (PowerPoint presentation)]

F. Ozone Update

Chuck Greco, Interim Program Manager, provided the AQC members with an ozone update. The AQC members were given a handout that provided an ozone season update through October 25, 2020. The current ozone compliance value remained unchanged at 67 ppb. There have been no exceedance days in Mecklenburg County or in the region year to date.

[Written handout: Ozone Season Update (dated October 26, 2020)]

[Written handout: Ozone Season Update (dated October 26, 2020)]

Air Monitoring updates

Chuck informed the AQC members that Air Monitoring staff are now using a new electronic database called ESIMS. The database, which replaces multiple electronic logbooks, calibration/audit forms, and activity checklists and reports, used by the monitoring group, allows routine equipment inspection and maintenance checks, along with QA/QC activities, to be documented in one place, eliminating several steps in creating, reviewing and archiving that documentation. Chuck acknowledged Kelly Grass, Senior Air Monitoring Specialist who led the project. Leslie let Brian Magi know if he is interested in taking a look at the new system staff will share a virtual test drive of the ESIMS database.

5. Note of thanks

Leslie Rhodes thanked everyone who was able to join the meeting by video and said it was great to see everyone. Leslie and Chair McGrath both thanked Ieshishua, Ivonne and Tori for their help to facilitate the virtual meetings.

6. Next Meeting

November 23, 2020 (virtual meeting)

7. 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 -

The virtual AQC meeting was held using [WebEx](#) on Monday, November 23, 2020 at 11:30 a.m.

Mecklenburg County Air Quality Staff Present

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

Guests

Lisa Hooker Bill Powers Luis Tochiki

AGENDA

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:32 a.m.

Roll Call of the Air Quality Commission Members:

Air Quality Commission Members Present

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

2. Approval of Minutes

Chair McGrath asked for a motion 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 by a roll call vote.

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

Action Required: Open Public Comment Period

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
Builders First Source – Charlotte NC Lumber	3135 Nevada Blvd, Charlotte, NC 28273	Open Public Comment
Kinder Morgan Southeast Terminals, LLC – Charlotte Terminal Nos. 1&2	502 Tom Sadler Road (CT#1) & 6801 Freedom Drive (CT#2), Charlotte	Open Public Comment
Labeltec, Inc.	10708 Granite Street, Charlotte, NC	Open Public Comment

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. The AQC members were informed that Labeltec, Inc. instead of Argos USA Reames Road should be listed on the agenda due to a technical error on the meeting presentation slide.

Terry Lansdell enters the meeting at 11:38 a.m.

B. General Comments to the Commission

None

4. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

Chair McGrath welcomed AQC applicants who are attending the meeting.

A. Announcements

Annual Forum

The AQC members were given an update on the Annual Air Quality forum that was held virtually via WebEx on November 10th. There were seventy-eight attendees joining the forum and feedback from the survey was good. Jason thanked the AQC members that were able to join the meeting. Staff is working to put a recording of the forum on the Air Quality website soon.

AQC recruitment update

Megan Green, Mobile Source Program Manager, informed the AQC members that five applicants have submitted applications for the AQC since recruitment to fill vacancies started in September. It was stated that the BOCC will nominate and appoint the new members to the AQC.

GRADE

The AQC members were reminded that there is an open call for GRADE projects that will run through January 15, 2021.

Volkswagen Funding

The AQC members were informed that the next phase of Volkswagen funding will be opening soon. The first come, first serve rebate for Level 2 electric vehicle charging station will start January 25, 2021 with \$1.1 million allocated. Staff is working with Mecklenburg County Asset and Facility Management to see if there are any projects for the County.

B. COVID-19 Update

Dr. Aaron Levy gave a presentation on COVID-19 update. Dr. Levy provided data and information the following four things:

- Look briefly at international, national, state and local epidemiology
- Discuss overlap between COVID-19 and air quality
- Transmission
- Vaccines

The coronavirus disease (COVID-19) is caused by a coronavirus called Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) which ranges from asymptomatic, flu-like symptoms to severe pneumonia and multiorgan failure. Dr. Levy provided a graph that showed 332,842 COVID-19 new cases reported to World Health Organization (WHO) in the last seven days. The US COVID-19 case rate reported to the Centers for Disease Control (CDC) by State/Territory in the last seven days shows cases per 100,000. The North Carolina and Mecklenburg County COVID-19 daily positives cases has also shown an increase. Mecklenburg County COVID-19 cases shows the following:

- About 72% reported cases were 20 to 59 years old
- During past week, an average 8.7% of those tested were positive for COVID-19 (increasing trend)
- About 1 in 20 reported cases were hospitalized

Dr. Levy also provided information on Mecklenburg COVID-19 mortality and COVID-19 health disparities. Among deaths in Mecklenburg not connected to LTC outbreaks, nearly 3 in 4 were non-White, with 40% being non-Hispanic Black individuals. It was stated disparities are largely driven by higher rates of underlying chronic conditions and healthcare access barriers among these communities. Dr. Levy talked about underlying health Conditions, who might be at an increased risk for severe illness from COVID-19 based on early data, discuss the overlap between COVID-19 and air quality, transmission of COVID-19 and vaccines.

[Written handout: COVID-19 updates (PowerPoint presentation)]

C. Colonial Pipeline Remediation

Leslie Rhodes, Air Quality Director, updated the AQC members on the Colonial Pipeline remediation and answered the following four questions:

1. How much product was released?
2. Who regulates and responds?
3. Are there any air quality monitoring activities?
4. What is MCAQ's role?

The gasoline spill caused by a break in the pipeline occurred on August 14th in the Oehler Nature Preserve. It was originally stated that 270,000 gallons of products were spilled, and this number would go down and back up. On November 23rd it was stated that 266,000 gallons has been recovered. The North Carolina Department of Environmental Quality-Division of Waste Management is the lead agency for the spill. It was stated that the local emergency officials did help respond when the spill first occurred. There has been some air quality monitoring to include perimeter and drive through monitoring that is handled by the Division of Waste Management. It was stated that all updates received show no major impact to air quality and the spill has not

impacted surface water at this time. Mecklenburg County Air Quality does not have any regulatory authority over the pipeline. MCAQ staff has been helping to fill questions as they come in from County Commissioners and others. There is no official answer to when Colonial will be finished recovering all the product spilled, it may take years for the recovery process. The repair to stop the flow of the product was complete and last week repairs of the pipeline were started.

Brian Magi enters the meeting at 12:13 p.m.

D. End of Season Ozone Summary

Chuck Greco, Interim Program Manager, provided the AQC members with a snapshot of the county's compliance with all of the NAAQS, and an end of the 2020 ozone season update. Based on 2019 monitoring data, Mecklenburg County NAAQS status shows attainment for PM2.5, PM10, carbon monoxide, sulfur dioxide, nitrogen dioxide and ozone. Preliminary data for the 2020 ozone season compliance value is 67 ppb. There have been no exceedance days in Mecklenburg County or in the region year-to-date. Chuck highlighted the 2021 ozone attainment breakpoint values needed to exceed compliance at University Meadows and Garinger. The AQC members were informed that staff is currently working to update the Stay at Home analysis for ozone incorporating data for the full 2020 season, and will complete the analysis for the other criteria pollutants after the end of the year. The reports will be presented to the AQC once completed.

Leslie informed the AQC members that funding has been received from EPA for installing a second near-road monitoring site. Staff has identified some site locations and will be visiting to finalize the site location. More details will be presented to the AQC at a later meeting.

[Written handout: Ozone Season Update (dated October 26, 2020)]

Brian Magi enters the meeting at 12:13 p.m.

5. Next Meeting

December 21, 2020 (Virtual meeting)

6. Adjournment

12:27 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 -

The virtual AQC meeting was held using [WebEx](#) on Monday, December 21, 2020 at 11:30 a.m.

1. Call to Order

Chair Peter McGrath called the meeting to order at 11:31 a.m. Chair McGrath reminded everyone of the guidelines for the virtual meeting before asking for a roll call of the meeting attendees.

Roll Call of the virtual meeting attendees:

Air Quality Commission Members Present

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

Air Quality Commission Members Absent

Fern Paterson

Mecklenburg County Air Quality Staff Present

Leslie Rhodes Ieshishua Pierce Megan Green Jason Rayfield Chuck Greco Aaron
Matijow Tori Jercich Katie Nordin

2. Approval of Minutes

Chair McGrath asked for a motion for the approval of the November AQC meeting minutes.

Action Taken:

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

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

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

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

Action Required: Open Public Comment Period

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
Essentra Charlotte	10500 Industrial Drive, Pineville, NC 28134	Open Public Comment
Harris Teeter Fuel # 88 - Steelescroft	13000 S Tryon St, Charlotte, NC 28278	Open Public Comment

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. Terry Lansdell asked questions about the expectation for the Harris Teeter Fuel station and if there are any land use parameters for these permits in the future. Jason stated that there are 2 or 3 Harris Teeter fueling locations and he doesn't know anything more about adding any additional fueling stations. Jamie Watts asked a question about the increase of emission for the Essentra Charlotte permit application with the removal of equipment at the site. Jason stated the facility is removing 4 lithographic presses that weren't used much in 2019 and adding 1 lithographic press that is higher capacity and the usage projection was based on a "worst case scenario" ink, all of which resulted in higher percentage change in emission numbers.

B. General Comments to the Commission

None

4. Request for AQC Action FY22 Budget Perspective

Leslie Rhodes, Air Quality Director, informed the AQC members that Chair McGrath has received an email from the County Manager requesting input into the County FY22 budget from advisory boards. In the past there has been a discussion on recommendations from the AQC members and the Chair would send a letter on behalf of the AQC to the County Manager. Due to current guidance for covid 19 and some advisory boards not able to meet, the County Manager has provided a link for advisory board members to provide individual budget priorities. There was some discussion among AQC members about who has received the email and it was agreed upon that the email would be resent to the AQC members. The AQC members were encouraged to complete and submit the list of priorities by 5:00 p.m. on December 21st.

The AQC members were provided the following three priority recommendations from staff:

- Local funding for retaining education/outreach position previously funded through state allocated federal grant dollars.
- Funding for low emission (preferably electric) fleet vehicles and necessary infrastructure
- Investment in County construction and renovation that supports the transition to zero carbon.

[Written handout: FY22 Budget Priorities – Staff Recommendations]

5. Updates and Presentations

Chair McGrath asked if there were any announcements from the AQC members and MCAQ staff.

A. Announcements

Ruling from Court in London related to air pollution

Chair McGrath informed the AQC members of a ruling from a court in London that found the death of a child was caused in part by air pollution. Chair McGrath said this is a reminder of the importance of air quality protection

Update on Transportation Planning Efforts

Megan Green, Mobile Source Program Manager, informed the AQC members of three Transportation Planning Efforts with two of them providing an opportunity for AQC members

to give individual input via a survey. The Charlotte Moves Task Forces lead agency is City Planning, Connect Beyond lead is CATS and Centralia Council of Governments (COG), and 2050 Metropolitan Transportation Plan lead is Charlotte Regional Transportation Planning Organization (CRTPO). A website link was provided for input on the survey for Connect Beyond and 2050 Metropolitan Transportation Plan.

Terry Lansdell provided some dates for upcoming events concerning Charlotte Moves and informed the AQC members that he has been asked to be a Stakeholder for Connect Beyond. Terry asked if MCAQ or LUESA staff has submitted any feedback on these plans. Megan informed that staff has provided input on Connect Beyond and the 2050 Metropolitan Transportation Plan. Chair McGrath asked Terry to keep the AQC members updated on Connect Beyond.

[Written handout: Update on Transportation Planning Effort]

Forum presentations available online

The AQC members were informed that the November 10th Annual Forum presentation recordings are now available online. Anyone interested in receiving the link to forum presentation recordings should contact Jason Rayfield.

Update on Operations

MCAQ staff is continuing to complete field work prioritizing sites and scheduling announced inspections. There have been some unannounced compliance reviews for some sites to include off-site surveillance visits.

Air Monitoring Update

Chuck Greco, Interim Program Manager, informed the AQC members that staff has submitted the Quality Assurance Project Plan (QAPP) to EPA for approval and have started site prep work at Garinger for the Photochemical Assessment Monitoring Station (PAMS).

AQC recruitment update

The AQC members were informed that the nomination and appointment for the 3 general public slots on the AQC is scheduled for the January 20, 2021 BOCC meeting.

Secretary of North Carolina Department of Environmental Quality (NCDEQ)

Leslie informed the AQC members that President-Elect Joe Biden has selected Secretary of NCDEQ, Michael Regan to lead the EPA.

B. Environmental Leadership Policy

Megan gave a presentation providing an update on the Environmental Leadership Policy. The AQC members were shown excerpts from the proposed revisions and updates to the Environmental Leadership Policy & Action Plan which was presented at the BOCC Public

Policy Workshop on December 8th. It was stated that the BOCC will not vote on the action plan.

Megan highlighted the project influences and assumptions, collective expertise and final policy commitment. A next steps timeline was provided to the AQC members, currently there is an opportunity for community input through a public input survey that will be opened through January 8th. Chair McGrath asked Megan to keep the AQC updated on the process.

[Written handout: Environmental Leadership Plan Updates (PowerPoint Presentation)]

6. Other Business

Terry Lansdell thanked staff for including the rezoning summary for January 2021.

7. Next Meeting

January 25, 2021 (virtual meeting)

8. Adjournment

12:24 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.