MECKLENBURG COUNTY
- Air Quality Commission -

The virtual AQC meeting was held using WebEx on Monday, January 25, 2021 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
   Rosa Mustafa      Jamie Watts      Fern Paterson

   Air Quality Commission Members Absent
   Terry Lansdell

   Mecklenburg County Air Quality Staff Present
   Leslie Rhodes      Ieshishua Pierce      Megan Green      Jason Rayfield      Chuck Greco      Danielle Jones
   Kelly Grass      Tori Jercich      Suzanne Hollenbeck      Ivonne Hernandez      Sheldon Turner

   Guests:
   Scott Curry, City of Charlotte (Active Transportation Coordinator)
   Pamela Escobar, Mecklenburg County Public Information (Public Information Officer)
   Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
   Lorne Mills, Industrial Container Services, LLC (Charlotte)
   Other unidentified callers

2. Approval of Minutes
   Chair McGrath asked for a motion for the approval of the December AQC meeting minutes.

   Action Taken:
   Motion:  A motion was made to approve the December AQC meeting minutes as written.
   Made:  The motion was made by Gordon Miller and seconded by Jamie Watts.
   Vote:  The motion was adopted unanimously by a roll call vote.

3. Charlotte Moves Task Force
   Megan recognized Scott Curry, Active Transportation Coordinator, from the City of Charlotte to give a presentation on the Charlotte Moves Strategic Mobility Plan. A brief overview was given on the Charlotte Moves Task Force that was formed to recommend to the Charlotte City Council a strategy to address mobility and transportation issues in the Charlotte area.

   The following five purposes were given for the Charlotte Moves Strategic Mobility Plan:
   • Implement the 2040 Comprehensive Plan
   • Align efforts
   • Update & Combine CDOT Plans
   • Respond to a Changing World
• Set New Goals

Scott shared a slide of the Charlotte Moves vision statement that is from the 2040 Charlotte Future Comprehensive Plan and covers the work of the Task Force & the development of the Strategic Mobility Plan. The Engagement Plan focused around five pillars:

• Coordination with Recent / Ongoing Plans
• Mayor’s Task Force
• Equity Focus Groups
• Public Survey
• Biannual Transportation Survey

Scott highlighted the Mayor’s Task Force final recommendation:

1. Invest in Mobility to meet our changing needs:

   The Task Force proposes a $4-6B (local funding) mobility investment program designed to achieve the vision of the 2040 Comprehensive Plan for “safe and equitable” mobility (Overall program is $8-12B).

2. Align our mobility investment with related initiatives

   The Task Force proposes an intentional commitment to aligning our mobility investment program with the goals and strategies of the 2040 Comprehensive Plan and priorities of affordable housing and upward mobility.

3. Commit the resources to achieve the vision.

   The Task Force proposes a “single source” funding strategy for the mobility investment program that funds implementation within a 10-year period financed over 30-years. The Task Force understands that details of the financing will be worked out in a financing plan which considers other city priorities during the program timeframe. Therefore, the Task Force recommends, “One Cent for Mobility” referendum for Fall 2021.

The AQC members were informed that the Mayor’s Task Force Recommendations full report is available on the website by searching “Charlotte Moves Task Force.” There was some information provided on the Transformational Mobility Network and Funding Strategy. It was stated that the One Cent for Mobility sales tax would not apply to groceries or medications. A slide was shared that compared Charlotte’s taxed & fees with the 10 largest cities in North Carolina which showed Charlotte has the lowest combine tax and fees compared to the other cities. Next steps include Coordination of Strategic Mobility Plan with public review draft of Charlotte Future 2040 Comprehensive Plan and “One Cent for Mobility” Referendum.

[Written handout: Charlotte Moves Strategic Mobility Plan (PowerPoint Presentation)]

4. 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 contact the Air Quality Commission secretary at 704-609-9484 or AQC@MecklenburgCountyNC.gov at least 30 minutes prior to the start of the meeting so they can be recognized during the public comment time.
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):

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sherwin Williams</td>
<td>10300 Claude Freeman Dr., Charlotte, NC 28262</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>7-Eleven # 35559</td>
<td>6401 Old Statesville Road, Charlotte, NC 28269</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>7-Eleven # 35564</td>
<td>105 S Polk Street, Pineville, NC 28134</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Industrial Container Services -NC, LLC (Charlotte)</td>
<td>2900 West Trade Street, Charlotte, NC 28208</td>
<td>Alternative Notice</td>
</tr>
</tbody>
</table>

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

The AQC members were informed that the Industrial Container Service permit was a Title V permit renewal application with no equipment changes or emission increases. The public notice for this site was published in the Charlotte Observer and posted on the Air Quality website.

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**

**DeAndrea Salvador**

Chair McGrath announced that former AQC member, DeAndrea Salvador has been sworn in as a State Senator and will be a valuable addition in the North Carolina State Senate.

**FY22 Budget Priorities Update**

Chair McGrath informed the AQC members that an opportunity has been presented for him to speak on the AQC’s priority recommendations for the FY22 budget submitted to the County Manager in December. Chair McGrath plans to attend one of the budget workshops in February or early March to discuss the priority recommendations. Leslie provided the schedule for the County’s FY22 budget submittal and informed the AQC members that staff will present the FY22 Air Quality budget at the February AQC meeting.

**Webinar featuring AQC members**

Megan Green, Mobile Source Program Manager, that staff would like to host a webinar featuring the AQC. The webinar layout would be an overview of AQX activities as well as Q&A. Once the
date has been identified staff will be reaching out to AQC members for volunteers to help with the webinar.

**Breathing Room update**
The AQC members that staff has initiated a meeting with County Commissioner who serves on the Metropolitan Transit Commission to discuss the Transit Expansion strategy.

**Update on Operations**
MCAQ staff is continuing to conduct compliance reviews for Title V and Synthetic Minor sites to include off-site surveillance visits and electronic record reviews. There are still ongoing in person inspections for Stage 1 sites and asbestos NESHAP demolition sites since these are conducted outdoors.

**P&E Outreach Improvement Project Update**
The AQC members were updated on the Targeted Industry Outreach FY21 Improvement Project effort. The first informational newsletter went out to stationary source contacts on December 22nd providing updates from staff and will be followed by the Airwaves newsletter in March and a second informational newsletter in May or June.

**Air Monitoring Update**
Chuck Greco, Interim Program Manager, informed the AQC members that staff is currently working on completing the stay at home analysis for the 2020 ozone season.

**New Sustainability Manager**
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager), introduced herself to the AQC members.

**B. Second Near-Road Monitoring Station**
Suzanne Hollenbeck, Senior Air Monitoring Specialist, was introduced to give an update on the second near-road monitoring station. A presentation was given providing background information on the NO2 near road monitoring requirements. In 2017 the Charlotte region population was estimated to be greater than 2.5 million triggering the federal requirement for a second NO2 near road monitoring station. MCAQ staff has identified 3 potential sites based on sitting requirement located along I-85 between exit 39 and 40 as well as exit 40 and 41. Information was provided for the monitoring instrumentation and shelter. MCAQ staff would like to have the monitoring station up and running by July 1, 2022. Here are the process and next steps:

- Agreement between NCDOT and MCAQ for property use
- Site Visits from EPA
- Develop site plan and submit for permitting
- Site Preparation and installation of fence, utilities, etc.
• Purchase and install monitoring shelter
• Purchase, install and calibrate equipment

[Written handout: 2nd NO2 Near Road Site (Update on Near Road Monitoring Site) PowerPoint Presentation]

C. **2020 Annual AQC Report Planning**
   In preparation of the 2020 AQC annual report AQC members volunteered for specific topics to draft articles 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 2020 AQC summary meeting minutes and topic assignments.

Gordon Millers exits the meeting at 12:42 p.m.

D. **Director’s Remarks**
   **Teleworking update**
   Leslie Rhodes, Air Quality Director, informed the AQC members that MCAQ staff will continue teleworking until the beginning of April. Staff will keep the AQC members updated of any changes.

   **Note of thanks**
   Leslie asked the AQC members to help her thank Chuck Greco for serving as Interim Air Monitoring Program Manager. It was stated that Danielle Jones has been hired as the new Air Monitoring Program Manager and will be formally introduced at the February AQC meeting.

5. **Next Meeting**
   February 22, 2021 (virtual meeting)

6. **Adjournment**
   12:49 p.m.

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*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.*
The virtual AQC meeting was held using WebEx on Monday, February 22, 2021 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
     - Rosa Mustafa
     - Jamie Watts
     - Terry Lansdell
     - Fern Paterson
   - Mecklenburg County Air Quality Staff Present:
     - Ieshishua Pierce
     - Megan Green
     - Jason Rayfield
     - Chuck Greco
     - Danielle Jones
     - Aaron Matijow
     - Kelly Grass
     - Tori Jercich
     - Kileigh Welshofer
     - Ivonne Hernandez
     - Sheldon Turner
     - Andrew Deal
     - Katie Nordin
     - Suzanne Hollenbeck

2. **Approval of Minutes**
   Chair McGrath asked for a motion 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 Jamie Watts.
   - Vote: The motion was adopted unanimously by a roll call vote.

3. **Public Comments to the Air Quality Commission (AQC)**
   None

   Chair McGrath asked Vice Chair Hackler to lead discussion on the Air Quality permit reviews and to open the public comment for the facilities. Chair McGrath recused himself from the discussion due to Martin Marietta-Recycled Aggregate Facility and Forbo Movement Systems being clients of his law firm.

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

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

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin Marietta-Recycled Aggregate Facility</td>
<td>8701 Red Oak Boulevard, Suite 540, Charlotte, NC 28217</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Mark Oil - Mountain Island BP</td>
<td>2211 Vinnie's Way, Charlotte, NC 28214</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Sam's Club # 6540</td>
<td>8909 J W Clay Blvd, Charlotte, NC 28262</td>
<td>Open Public Comment</td>
</tr>
</tbody>
</table>
Facility Name | Facility Address | Action Type
---|---|---
Forbo Movement Systems | 10125 South Tryon Street, Charlotte, NC 28273 | Information Only

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. Terry Lansdell asked some questions regarding the Flex Plan for Martin Marietta-Recycled Aggregate Facility permit application and how this impacts the permit submitted. Jason informed the AQC members that the facility submitted the required application to incorporate flex changes approved in 2020 for this permit application and the facility has also requested to add 2 portable crushers, 2 portable screen plants and remove 2 crushing plants that are obsolete. Rosa Mustafa asked if the portable crusher would be located off of Beatties Ford Road. Jason informed the AQC members that the facility has provided certification of the equipment location and it was stated that the 2 portable crushers will go to the Charlotte Quarry as well as the Beatties Ford Road location. Rosa asked if this permit application could be tabled until the next meeting. Jason explained that MCAQ staff has received a complete application and will move forward with opening public comments for this permit application. Both Terry Lansdell and Rosa Mustafa expressed concerns about the Martin Marietta permit and were asked to email comments that they would like to have reflected in the summary minutes to Ieshishua Pierce. Gordon Miller asked a question concerning the VOC control devices used at Forbo Movement. Aaron Matijow, Air Quality Supervisor will verify the information and will let Gordon know.

Terry Lansdell would like the following comments reflected in the summary minutes:
“In regards to the Martin Marietta permit. I requested more information on the flex plan by the AQC and expressed concerns regarding the increased activity and changes to the production of natural resources for private profit on this permit. I expressed concerns regarding the use and secondary transportation impacts of the use of these new plants and expressed my concerns over the local impacts of this permit on the local neighborhoods.”

B. General Comments to the Commission
None

4. Request for AQC Action FY22 Budget
Megan Green, Mobile Source Program Manager, presented the preliminary fiscal year 2022 budget for the Air Quality program to the AQC members. It was stated that no property tax dollars are being request for the FY22 budget. MCAQ expects level revenue but decreased the amount of budgeted gasoline tax revenue due to reductions in budgeted capital expenditures. Capital expenses include replacement of aging monitoring equipment and PAMs equipment. NC Air Awareness position moved to AQ budget so that position will continue regardless of interruptions to grant funding. There was a question if the NC Air Awareness grant funding was used primarily for salary. Megan explained the funding was used primarily for salary and to purchase some promotional items for the Air Quality Learning Station (AQLS). There was a motion made to endorse the FY22 budget.
Action Taken:
Motion: A motion was made to endorse the FY22 budget for Mecklenburg County Air Quality.
Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.
Vote: The motion was adopted unanimously.

The AQC members were informed that the Air Quality FY22 budget will be included in the LUESA budget request submitted to the Board of County Commissioners.

[Written handout: Preliminary Fiscal Year 2022 Budget]

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

A. Announcements
   FY22 Budget Priorities Update
   Chair McGrath informed the AQC members that he will attend the March 23rd budget workshop to speak on the AQC’s priority recommendations for the FY22 budget submitted to the County Manager in December.

   BOCC Budget Engagement
   Terry Lansdell informed the AQC members that during the BOCC budget retreat, the AQC was mentioned as having the most responses from advisory board members who were invited to complete the FY22 budget priorities survey. Terry commended everyone for their input and Chair McGrath congratulated AQC members.

   New Monitoring Program Manager
   Jason introduced Danielle Jones as the new Monitoring Program Manager.

   Air Monitoring Updates
   Danielle Jones, Monitoring Program Manager, informed the AQC members that the Air Monitoring staff is continuing to work on PAMS at the Garinger site as well as working to finalize the site location with NCDOT for the second near-road monitoring site.

   Webinar featuring AQC members
   The AQC members were informed that an upcoming webinar featuring them has been scheduled for March 31st from noon to 1:00 p.m. and staff will be reaching out to AQC members for volunteers to help with the webinar. An email invitation will be sent and more details to come.

   AQC Annual Report
   Megan thanked everyone that has already submitted articles and reminded everyone that the articles are due by February 26th. Anyone who may need more time should let Megan know. Staff will review and update articles so they flow within the report.

   Update on Operations
   MCAQ staff is continuing unannounced drive by observations of permitted stationary sites and ongoing in person inspections for Stage 1 sites and asbestos NESHAP demolition sites since
these are conducted outdoors. Staff is hoping to begin more site inspection with a possible return to the office starting in April.

**Airwaves newsletter**
The annual airwaves compliance newsletter is scheduled to be issued soon and the AQC members will receive a copy.

**B. Analysis of Ozone Concentrations During Pandemic**
Kileigh Welshofer, Air Monitoring Specialist, was introduced to give a presentation on the analysis of ozone concentrations during the pandemic. Kileigh recognized Suzanne Hollenbeck, Senior Air Monitoring Specialist, for her work with the analysis. During 2020, air monitoring staff observed reduced traffic associated with the COVID-19 Pandemic. NCDOT Traffic Counts were observed at the I-77 interchange and I-277/US-74 interchange. Traffic during ozone season was compared to historical 2019 traffic. Data show a decrease (nearly twice as much) in traffic at both the I-77 interchange and I-277/US-74 interchange during the stay at home order compared to the entire ozone season. However, there was a decrease in traffic at both interchanges during the ozone season.

Danielle Jones provided data for ozone concentrations at the Garinger and University Meadows monitoring sites. A predictive analysis was completed by staff using a simple model that took into account meteorological forecasts to predict the average concentration of ozone that was expected at each monitoring site, which was then compared to what was actually seen at each site. In 2020, the average ozone concentration measured at both Garinger and University Meadows was lower than predicted, and lower than the average concentration measured at these sites from 2016-2019. It was stated that according to the ozone AQI for 2016-2020, the number of green “good” days seen in 2020 was the highest number seen within this 5 year span. Mecklenburg County’s current ozone compliance value is 67 ppb, which represents a 3 ppb decrease from the 2019 ozone compliance value of 70 ppb. The NAAQS for ozone is ≤70 ppb.

Jamie Watts asked since the traffic is starting to climb back up, are there any plans to do forecast for traffic going into 2022? It was stated at this time that staff has not decided to forecast for traffic going into 2022. Terry Lansdell asked if staff was able to provide the references for the traffic count data. Terry suggested that it be specified that staff is referring to motor vehicle traffic in the traffic count which excludes some data on active transportation count. Aaron Levy asked if there are any plans to expand the report showing data on the impact from transportation expand into next year. Gordon Miller
suggested that a similar analysis could be completed for NOx. The AQC members were informed that this information will be presented to the Environmental Stewardship Committee.

[Written handout: An Analysis of Ozone Concentrations During the COVID-19 Pandemic (PowerPoint Presentation)]

C. Update on Gasoline Release Site at Oehler Nature Preserve
Jason provided an update on the gasoline release site at the Oehler Nature Preserve. The gasoline spill was caused by a break in the pipeline occurring on August 14th in the Oehler Nature Preserve. Jason and Leslie were able to visit the site on February 3rd where they were informed that much of the liquid product spilled has been collected. Soil remediation is currently taking place and this may go on for many years. Colonial has provided information on the air monitoring data to MCAQ staff. It was stated that no short-term VOC or benzene health-based limits have been exceeded, however, staff would like to verify long term effects from the clean up efforts. Staff would also like to learn more about the control devices Colonial is using for the site remediation. The AQC members were informed that no surface water was impacted.

Chair McGrath asked if Colonial had to get a permit for the remediation system from MCAQ and is MCAQ collecting any monitoring data. Jason informed the AQC that the remediation project did not require a permit initially at onset of cleanup as this is only required at Title V sites. MCAQ staff has requested more information to verify compliance and to see if a permit may be needed for the longer term cleanup. There is no MCAQ air monitoring taking place at the site however Colonial continues to operate various monitors. Terry asked a question about the oxidizers used as control devices and it was stated that this is the best technology that can be used for this activity. Rosa asked a question about preventing accidents like this going forward and how Colonial is planning to monitor. Jason provided some information on how Colonial is studying the pipe section and reviewing their flyover procedures. Chair McGrath asked staff to keep the AQC members updated of any new developments.

6. Next Meeting
March 22, 2021 (virtual meeting)

7. Adjournment
12:51 p.m.
The virtual AQC meeting was held using WebEx on Monday, March 22, 2021 at 11:30 a.m.

**Air Quality Commission Members Absent**
Aaron Levy

**Mecklenburg County Air Quality Staff Present**
Leslie Rhodes  Ieshishua Pierce  Megan Green  Jason Rayfield  Danielle Jones  Aaron Matijow
Chuck Greco  Tori Jercich  Ivonne Hernandez  Sheldon Turner  Andrew Deal  Katie Nordin

Guests:
Jay Nivens, Martin Marietta
Ronald Ross, President of the Northwood Estates Neighborhood
Pamela Escobar, Mecklenburg County Public Information (Public Information Officer)
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
Kay Tembo, Mecklenburg County Public Information (Community Relations Coordinator)
Other unidentified callers

1. **Call to Order**
   Chair Peter McGrath called the meeting to order at 11:31 a.m.

2. **Recognition of New AQC members**
   Chair McGrath recognized the three new AQC members who filled the General Public positions.
   Janet Garner-Mullins, Garrison Scruggs and Lisa Hooker introduced themselves to the AQC members and the Mecklenburg County Air Quality (MCAQ) staff.

3. **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 Marcus Hackler.
   Vote: The motion was adopted unanimously by a roll call vote.

**Roll Call of the Air Quality Commission Members**
**Air Quality Commission Members Present**
Peter McGrath  Gordon Miller  Garrison Scruggs  Brian Magi  Marcus Hackler
Terry Lansdell  Rosa Mustafa  Jamie Watts  Lisa Hooker  Janet Garner-Mullins

4. **Public Comments to the Air Quality Commission (AQC)**
   **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):
B. **General Comments to the Commission**

Chair McGrath recognized Ronald Ross to give general comments. Mr. Ross informed the AQC members that he was the President of the Northwood Estates Community Organization along the Beatties Ford Road Corridor. In regards to a recent Martin Marietta application, Mr. Ross asked for clarification on the length of time for the 15 or 30 day public comment period and if there was a process make the public comment period 30 days to allow the public an opportunity to review and gather more background information on the permit. Mr. Ross asked a question concerning the permit application review summary and if there was a way to provide information on what is the acceptable level for emissions of the specified air pollutants that would make it easier for the general public to understand. It was stated that when a facility updates or adds new equipment to increase production, that may have an impact on the number of vehicles traveling through the community near the facility, which can have a negative impact on the residents nearby. Mr. Ross asked whether potential emissions associated with traffic can be addressed in the review process by making a traffic study request?

Mr. Ross provided the following questions and comments specifically about Martin Marietta:

- A request for an update on status of a traffic impact study,
- Update on review of the trucks and equipment at Martin Marietta that may be eligible for GRADE,
- A response related to resident concerns regarding blasting,
- Residents would like to schedule a meeting to discuss:
  - Future plans for the site (i.e, renovations, expansion and operations)
  - Environmental impact
  - Community Engagement

Chair McGrath asked Mr. Ross to submit comments in writing to Ieshishua Pierce. Leslie Rhodes thanked Mr. Ross for his comments and continual involvement.

4. **Updates and Presentations**

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

A. **Announcements**

**FY22 Budget Priorities Update**

Chair McGrath informed the AQC members that he will be presenting the AQC’s priority recommendations for the FY22 budget at the BOCC Public Policy Meeting scheduled for March 23rd. Iesha Pierce will email the link to the agenda for the meeting.
NC Breathe Conference
Rev. Janet Garner-Mullins informed the AQC members of the NC Breathe Conference being hosted by Clean Air Carolina that will be held virtually in April. The conference information will be emailed to AQC members.

Odor issue in the southern Mecklenburg County area
Megan Green, Mobile Source Program Manager, provide an update on recent odor issues in the southern Mecklenburg County area. It was stated that MCAQ has received odor complaints citing “rotten egg/sewer/sulfur” in the southern Mecklenburg County area. A multi-jurisdictional investigation across states has identified the potential source to be a paper plant in South Carolina. Agencies from North and South Carolina are working to investigate the odor.

Webinar featuring AQC members
The AQC members were informed that the webinar featuring AQC members will be held on March 31st at 12 p.m. Chair McGrath, Gordon Miller, Rosa Mustafa and Fern Paterson will participate as a Q&A panelist, new AQC members Lisa Hooker and Rev. Janet Garner-Mullins will also be incorporated in the webinar. Staff is still accepting volunteers for the panel. The AQC members will be provided information about the webinar to share or post on social media. The new AQC members were asked to provide a head shot that would be shared during the webinar.

Draft AQC Annual Report
A draft copy of the 2020 Annual Report was emailed to the AQC members for review and the AQC members were asked to use track changes to provide comments in the Word document. All feedback should be submitted by April 16th with a vote on the final version of the report at the April meeting.

Update on Operations
MCAQ staff will begin scheduled and announced field inspections for Title V and Synthetic Minor sites in April.

Airwaves newsletter
The AQC members were informed that the annual airwaves compliance newsletter was issued on March 10th and Jason recognized Ieshishua Pierce for coordinating the newsletter.

Air Monitoring Updates
Danielle Jones, Monitoring Program Manager, provided the AQC members with an ozone update. The ozone season started March 1st and will run through October 31st. So far in 2021, there have not been any exceedance days in Mecklenburg County or in the region. The current ozone compliance value is 60 ppb. It was stated that the Air Quality Index (AQI) forecast has shown
some moderate-yellow days for particle pollution, partially due to an increase in prescribed burns
locally and across the Southeast region over the past few weeks. There have been no exceedances
of PM10 or PM2.5 values in Mecklenburg County related to the uptick in prescribed burns.
[Written handout: Ozone Season Update (dated March 22, 2021)]

Chair McGrath recused himself from the discussion due to Martin Marietta being clients of his law
firm. Vice Chair Marcus Hackler lead the discussion on the Quarry operations.

B. Quarry Operations

Leslie Rhodes, Air Quality Director, asked for a representative from Martin Marietta to attend the
March AQC meeting to address some questions about quarry operations and recent permitted
changes from AQC members. Leslie recognized Jay Nivens and asked Mr. Nivens to introduce
himself. Mr. Nivens stated that he works for Martin Marietta as the Manager for Environmental
Engineering for this region and he would do his best to address any questions from AQC members.
After Mr. Nivens introduced himself the meeting was open for questions from AQC members.

Terry Lansdell, the AQC’s transportation representative, had some concerns regarding the use of
mobile sources and secondary transportation impacts of the Martin Marietta plants on the
neighborhoods surrounding the site. Terry stated that he has trouble supporting the permit on the
basis of the increased activity and changes to the production of natural resources for private profit.
Terry addressed the previously reviewed and approved flexible permit for Martin Marietta,
highlighting the trucks vehicle weight, number of single way trips and the potential of tons/hour
pollution released. Terry would like to request specific traffic data for review to understand the
total impact of traffic for Martin Marietta, direct comments on surrounding intersections associated
with the permit changes and for Martin Marietta to consider community involvement to improve
and accommodate transportation needs based on their facility’s impact.

Mr. Nivens explained the permit modification will update old equipment allowing the site to bring
in new equipment that will help increase overall production, not an increase in sales. The
equipment is slated to go to the Charlotte Quarry to help with production and efficiency efforts.
Rosa Mustafa asked Mr. Nivens if there has been any air monitoring to capture VOC/HAP data or
if there are any plans for air monitoring at the site. Mr. Nivens stated that Martin Marietta does not
have any air monitoring equipment. Rev. Janet Garner-Mullins asked a follow-up question
concerning the air monitoring, she asked if the facility sees a need for a monitoring station? Mr.
Nivens stated if requested by a governmental agency, the facility will do what they are required to
do in the permit. Chair McGrath asked staff to confirm that the nearest Mecklenburg County air
monitoring site located near the Beatties Ford Road facility to be Friendship Park; Leslie confirmed
this is correct. Gordon Miller ask for clarification on some of the equipment. Mr. Nivens explained
the difference between the equipment and the 2 main products produced at the facility.

Gordon leaves the meeting at 12:27 pm.
Prior to the meeting, Leslie emailed the questions received from Terry Lansdell concerning Martin Marietta at the February AQC meeting to Mr. Nivens; Leslie asked Mr. Nevins if he would like to address those questions. Mr. Nivens informed the AQC members of the facility’s efforts with NCDOT to make transportation improvements. Mr. Nivens said that the facility had petitioned CDOT put a traffic signal light at the intersection off of Beatties Ford Road and the facility was notified that the requirements were not met to place a traffic signal at the intersection. It was stated that the City of Charlotte completed a Traffic Impact Analysis (TIA) and submitted the report to CDOT prior to the improvements at the Beatties Ford Road facility.

No further comments or questions were addressed to Mr. Nivens and Chair McGrath thanked him for joining the meeting.

Gordon Miller rejoins the meeting at 12:41 p.m.

C. Flexible Air Permits

Jason Rayfield gave a presentation on flexible air permits. A flex permit is a traditional stationary source permit that allows for specific, low-emission, agreed upon, and properly noticed changes to occur during the calendar year which are formally incorporated into the permit at the end of the year rather than at the time of each change. A flex permit is issued to reduce administrative burden for the regulator and the regulated industry with the focus being on compliance and transparency rather than paperwork and processes. Public comment periods for flex permits are listed on the AQC agenda for the issuance of the original permit and each individual flex change is listed on the AQC agenda during the year. The AQC members were provided information on the flex permit provisions and given examples of when modifications are not allowed as flex changes. In response to an email request from Dr. Brian Magi, a current list of active permitted sites held by Martin Marietta, including the type of permit and emissions data, was shared with the AQC members. Jason provided an overview on the Aggregate Industry including information on the Aggregate Industry in Mecklenburg County and a comparison of local and state procedures for Aggregate Industry air quality permitting.

Rosa Mustafa asked some questions about Martin Marietta being listed as an EPA Superfund site and ask if staff could take a more critical look at sites that have had past environmental issues. Chair McGrath responded that this would be a change in the regulation rather than a change in the permitting process. Leslie stated that AQC members can bring up this concern during the public comment period and ask the site to address. Jason informed the AQC members that the site must show compliance through a zoning determination before a permit could be issued. Terry asked if the county has the ability to change the public comment period from 15 to 30 days for flex change permits and if so, if this would conflict with the State regulation for these permits? Chair McGrath answered this question stating that since the State does not issue this type of permits, this would likely have to go before the Mecklenburg County BOCC and North Carolina Environmental Management Commission (NC EMC). Dr. Magi asked if content could be provided for each of the
permits MCAQ issues providing the amount of emissions for permitting facilities be tallied throughout the year and compared to the previous year. Jason addressed this question and Leslie said staff will look at ways to help highlight this emissions request.

[Written handout: Flexible Air Permits (PowerPoint presentation)]

Fern Paterson enters the meeting at 12:44 p.m.
Terry Lansdell leaves the meeting at 1:02 p.m.

D. **Breathing Room Transit Strategy**
Megan informed the AQC members that she will be meeting with County Commissioner who serves on the Metropolitan Transit Commission to discuss the Transit Expansion strategy and would like to ask Terry Lansdell to attend. AQC members were asked to email Terry and Megan any input they have for the meeting.

E. **Colonial Pipeline Spill Update**
Leslie informed the AQC members that staff has received 3 additional reports (2 air monitoring and site wide emission assessment) from Colonial that MCAQ staff is currently reviewing and will provide additional information at the next meeting. It was stated that MCAQ has reached out to the site to inform them that a permit will be needed for activities going on. Leslie would like to receive additional information in response to monitoring.

5. **Next Meeting**
   April 26, 2021 (virtual meeting)

6. **Adjournment**
   1:05 pm.

*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, April 26, 2021 at 11:30 a.m.

Air Quality Commission Members Absent
Janet Garner-Mullins  Terry Lansdell

Mecklenburg County Air Quality Staff Present
Ieshishua Pierce    Megan Green    Jason Rayfield    Danielle Jones    Aaron Matijow    Chuck Greco
Tori Jercich            Ivonne Hernandez       Sheldon Turner    Kelly Grass       Leslie Rhodes

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

Fern Paterson and Marcus Hackler joins the meeting at 11:32 a.m.

Roll Call of the Air Quality Commission Members
Air Quality Commission Members Present
Peter McGrath    Gordon Miller    Garrison Scruggs    Brian Magi    Marcus Hackler
Rosa Mustafa    Jamie Watts    Lisa Hooker    Fern Paterson

Special remarks from AQC
The Air Quality Commission extends thoughts and sympathy to Rev. Janet Garner-Mullins and her family with the passing of her husband.

2. Approval of Minutes
Chair McGrath asked for a motion for the approval of the March AQC meeting minutes.

Action Taken:
Motion: A motion was made to approve the March AQC meeting minutes as written.
Made: The motion was made by Gordon Miller and seconded by Rosa Mustafa.
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 Summary

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snyder’s-Lance, Inc.</td>
<td>8600 Crump Road, Charlotte, NC 28273</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Blue Dot – Exchange Street</td>
<td>1022 Exchange Street, Charlotte, NC 28208</td>
<td>Information Only</td>
</tr>
<tr>
<td>Concrete Supply Co., LLC (North Plant)</td>
<td>3823 Raleigh St, Charlotte, NC 28206</td>
<td>Information Only</td>
</tr>
<tr>
<td>Genpak Headquarters/Packaging Manufacturing Plant</td>
<td>10601 Westlake Dr, Charlotte, NC 28273</td>
<td>Information Only</td>
</tr>
<tr>
<td>Kurz Transfer Products, L.P. (Huntersville Facility)</td>
<td>11836 Patterson Road, Huntersville, NC 28078</td>
<td>Information Only</td>
</tr>
</tbody>
</table>

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

### B. General Comments to the Commission

None

Aaron Levy joins the meeting at 11:41 a.m.

### 4. Request for AQC Action on 2020 Annual Report

Megan Green, Mobile Source Program Manager, informed the AQC members that the 2020 Annual AQC report was emailed to the AQC members for review before today’s meeting. There have been no additional comments received from AQC members and the report has been updated to reflect all feedback from the County’s Editorial Board review. The AQC members were informed that the 2020 Annual AQC Report needed to be approved before the written report is submitted to the Mecklenburg County Board of County Commissioners (BOCC).

**Action Taken:**

Motion: A motion was made to approve the 2020 Annual Report and submit the written report to the BOCC.

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

Vote: The motion was adopted unanimously

[Written handout: 2020 Annual Report (Final)]

### 5. Updates and Presentations

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

#### A. Announcements

**Update on Operations**

MCAQ staff has started scheduled and announced field inspections for Title V and Synthetic Minor sites in April. Staff are following Covid19 protocols as a precaution. It was stated EPA issued a letter extending flexibility to local and state agencies across the country to meet grant commitments concerning inspections through September 2021. MCAQ staff will work to safely complete as many inspections as possible by September 30th.
**Spring Compliance Workshop**
The AQC members were informed that staff will be conducting this year’s spring compliance workshop virtually via WebEx on May 25th & 26th. The compliance workshop will focus on Keys to Air Compliance Excellence with the focus on air quality permitting. The AQC members will receive an email invitation to attend the event.

**Webinar featuring AQC members**
Megan thanked Fern Paterson, Gordon Miller, Janet Garner-Mullins, Rosa Mustafa and Peter McGrath for participating in the Q&A panel discussion and Marcus Hackler for his support at the AQC webinar held on March 31st. Ivonne Hernandez was recognized for working with Public Information to facilitate the virtual event.

**Breathing Room Transit Strategy Meeting Update**
Megan updated the AQC members on the meeting with County Commissioner Leigh Altman who serves on the Metropolitan Transit Commission (MTC) to discuss the Transit Expansion strategy. Terry Lansdell, the AQC’s transportation representative, and Sheldon Turner, Air Quality Specialist also participated in the meeting. Terry discussed the AQC supporting staff on the transit expansion. It was stated that when the MTC meeting agenda comes out staff will brief Commissioner Altman on topics related to air quality.

**GRADE**
The AQC members were informed that the staff held a GRADE selection committee meeting to evaluate project applications received from the call for projects that ran through January 15, 2021. The selection committee approved 41 projects to be awarded $1.8 million grant funding. If all projects are accepted it would reduce 180 tons of ozone forming NOx over the lifetime of the projects.

**Monitoring Question**
Rosa Mustafa asked Megan if a monitoring station has been implemented in the Historic West End area. Megan stated there is currently a monitor station at Friendship Park located off of Beatties Ford Road.

**Colonial Pipeline Leak Update**
Megan provided an update on the Colonial Pipeline gasoline spill at the Mecklenburg County Oehler Nature Preserve. Megan read a statement issued by NCDEQ, who is the lead agency, saying that it is unacceptable that Colonial Pipeline has not provided an accurate account of the number of gasoline spilled. In partnership with North Carolina Division of Air Quality (NCDAQ), MCAQ began collecting air sampling data on April 7th but has not received results yet. MCAQ has required a permit application including air dispersion modeling from Colonial to demonstrate compliance with the air toxics regulations by May 14th.
Fern asked a question about the primary emission source from the remediation equipment being used during the clean up. Jason stated there were 2 thermal oxidizers for vapor control, a liquid transfer process being routed to tanks, and portable generators.

C. **New Indy Odor Complaints**
Megan updated the AQC members on the New Indy odor complaints that MCAQ, North Carolina Department of Environmental Quality (NCDEQ) and South Carolina Department of Health and Environmental Control (SCDHEC) started receiving. There have been widespread odor complaints citing a “rotten egg/sewer/sulfur” type odor in South Mecklenburg County, Union County and South Carolina since February. A multi-jurisdictional investigation across states has identified the most significant source to be the New Indy paper mill in Catawba, South Carolina. The site began a new process in January. It was stated that to date there has been no confirmed similar odor coming from any Mecklenburg County facility. SCDHEC is the permitting agency for New Indy and has created a website for reporting odors and providing updates. Megan will ask Ieshishua to email the website link to the AQC members.

The AQC members were informed that EPA Region 4 and regulatory staff have inspected the site and area. The EPA is evaluating monitoring data and will communicate the results with SCDHEC. There may be additional monitoring conducted by EPA at the site. MCAQ staff is currently evaluating reports submitted to date, conducting monitoring, and will provide information as needed to SCDHEC. Fern Paterson recused herself from the discussion due to New Indy being a client of her law firm.

D. **Response to March 2021 Public Comments to the AQC**
Chair McGrath introduced the discussion with the following remarks.

We understand the commenter is asking if and when MCAQ or the AQC requests an applicant for a permit or permit amendment or requests another agency to conduct a study of vehicle traffic changes that may be associated with the changes contemplated by the application. Neither the AQC nor MCAQ has the authority to require such a study, and also do not have the resources to conduct such a study on their own.

We understand the City of Charlotte does conduct studies covering projects in Charlotte under certain circumstances. We understand the Planning Department manages the study process for the City. We suggest that the commenter contact the Planning Department to discuss policies that set forth the events or circumstances that trigger the undertaking of a study by the City. If the commentator believes the policies for triggering events or circumstances are unduly restrictive, and that the City should
conduct studies under a broader range of circumstances, the AQC believes the commentator would have to discuss those policies with the City Council.

Rosa asked how are we doing the assessment of what’s going into the air in the community. She has concerns about monitoring what’s being released into the air and the air bound contamination. Jason Rayfield of MCAQ responded that a facility is required to estimate emissions for any proposed changes and then the air quality permit requires ongoing reports at least annually for actual emissions.

Leslie Rhodes joins the meeting at 12:28 p.m.

E. **Ozone Season Update**
Danielle Jones, Monitoring Program Manager, provided the AQC members with an ozone update. So far in 2021, there have not been any exceedance days in Mecklenburg County or in the region. The current ozone compliance value is 64 ppb.
[Written handout: Ozone Season Update (dated April 26, 2021)]

6. **Next Meeting**
   May 24, 2021 (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.*
The virtual AQC meeting was held using WebEx on Monday, May 24, 2021 at 11:30 a.m.

**Air Quality Commission Members Absent**
Janet Garner-Mullins  Garrison Scruggs  Rosa Mustafa  Jamie Watts

**Mecklenburg County Air Quality Staff Present**
Ieshishua Pierce  Leslie Rhodes  Megan Green  Jason Rayfield  Danielle Jones  Aaron Matijow  Ivonne Hernandez  Chuck Greco  Tori Jercich  Sheldon Turner  Katie Nordin

**Guest:**
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)

1. **Call to Order**
   Chair Peter McGrath called the meeting to order at 11:35 a.m.

**Roll Call of the Air Quality Commission Members**

**Air Quality Commission Members Present**
Peter McGrath  Gordon Miller  Brian Magi  Marcus Hackler  Lisa Hooker  Terry Lansdell  Aaron Levy

2. **Approval of Minutes**
   Chair McGrath asked for a motion for the approval of the April AQC meeting minutes.
   **Action Taken:**
   Motion: A motion was made to approve the April AQC meeting minutes as written.
   Made: The motion was made by Gordon Miller and seconded by Lisa Hooker.
   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):

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yates Wilbert Vault Company</td>
<td>2839 Rosemont Street, Charlotte, NC 28208</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>C&amp;M Recycling, Inc.</td>
<td>2930 Jeff Adams Drive, Charlotte, NC 28206</td>
<td>Information Only</td>
</tr>
<tr>
<td>Roanoke Cement Company LLC</td>
<td>2820 Nevada Boulevard, Charlotte, NC 28273</td>
<td>Information Only</td>
</tr>
</tbody>
</table>
Air Quality Commission Summary Minutes

Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. Jason informed the AQC members that Yates Wilbert Vault Company is a new permit for a crematory that was previously a registered site. Chair McGrath asked if the new permit for the site is due to an increase in cases from COVID. Jason explained the facility has seen the total number of cases increase above the permitting threshold. Terry Lansdell asked if there was any land use impact for this new permit and Jason said that the facility was consistent and compliant with current zoning. Lisa Hooker asked for clarification on the emission increase for C&M Recycling and Jason explained the increase for PM10. Brian Magi asked if the toxic air pollution for Yates triggered a need for a water quality permit. Jason stated that Yates is subject to a State rule that requires a regulated crematory to do a modeling review for toxic emissions, however, he was not aware from a water quality permitting requirement. There was a question about the number of crematories permitted in Mecklenburg County and it was noted that this is the only site currently required to hold a permit.

B. General Comments to the Commission
   None

4. Request for AQC Action on Responding to Comments Received During March AQC Meeting
   Chair McGrath informed the AQC members that they needed to approve a written response from the AQC Chair concerning comments received during the March AQC meeting. It was stated that the written response from the AQC Chair was documented in the April AQC summary minutes. There was a motion made to approve the written response from the AQC Chair. There was some discussion on this motion and what actions have been taken in the past to address similar requests.

   Action Taken:
   Motion: A motion was made to approve the written response from the AQC Chair documented in the April AQC summary minutes to the commenter and post for the public on the Air Quality website.
   Made: The motion was made by Gordon Miller and seconded by Terry Lansdell.
   Vote: The motion was adopted unanimously by a roll call vote.

Fern Paterson joins the meeting at 12:05 p.m.

5. Request for AQC Action to Open Public Comment Period for the Annual MCAQ Monitoring Network Plan
   Danielle Jones, Monitoring Program Manager, provided the AQC members with a summary of the 2021-2022 Annual Monitoring Network Plan. It was stated that the network plan has five monitoring stations that measure concentrations of criteria air pollutants. Danielle highlighted the following updates from the 2021-2022 Annual Monitoring Network Plan:

   - Monitoring Station Siting Modifications - Update on MCAQ’s second near-road NO2 monitoring station. Monitoring staff has identified a site location and will continue preparing to install and operate the additional near-road NO2 station in the MCAQ monitoring network as funding and personnel resources allow, with the goal of implementation on or before July 1, 2022.
- Instrument Operation Modification-Update on the Photochemical Assessment Monitoring Station (PAMS). Monitoring staff added PAMS equipment to the network at the Garinger site.
- No site shutdown for 2021-2022

There is a 30 day public comment period so a motion was made for the AQC member to open public comment for the 2021-2022 Annual MCAQ Monitoring Network Plan. The AQC members asked several questions before a roll call vote on the motion. Chair McGrath and Brian Magi asked a question concerning the funding for the near-road site and PAMS being on track to meet the start up schedule for both sites. Danielle stated funding for both sites are on track to meet the start up schedule. Gordon Miller asked if a presentation can be given on PAMS to include the technology and data at a future AQC meeting. Danielle suggested providing an update on PAMS at the June AQC meeting and giving another update once staff start collecting data. Terry Lansdell asked if the Friendship Park Monitoring Station was running and if the data was available in real time? It was stated that the Friendship Park Monitoring Station is included with the monitoring stations on the Air Quality website and the data updates every hour. There were some questions about the traffic count data and the reference on the traffic count. Terry Lansdell suggested to add the traffic count number data by year and link where the data comes from and Brian Magi suggested adding the number per month or per year.

Action Taken:
Motion: A motion was made to open public comment for the 2021-2022 Annual MCAQ Monitoring Network Plan.
Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.
Vote: The motion was adopted unanimously by a roll call vote.
[Written handout: 2021-2022 Annual MCAQ Monitoring Network Plan-Mecklenburg County Air Quality Plan]

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

A. Announcements
   Article in Pediatric Journal
   Dr. Aaron Levy informed the AQC members of an article published in the Pediatric Journal discussing ambient air pollution health hazards to children. Dr. Levy will email the link to the article.

   MCAQ Staff Return to Office update
   Leslie informed the AQC members that staff is preparing to return to the office in the County’s Stage 2 phased in return to work starting in July. The phased in return to work will allow up to 25 percent occupancy rate of the building with a possibility that number may increase later. The AQC members should expect the June AQC meeting to be held virtually and there will be some discussion concerning holding future meetings virtually or a hybrid approach moving forward.
MCAQ staff is continuing with field inspections for Permitting & Enforcement and Monitoring staff.

**Mobile Source Update**
Megan Green, Mobile Source Program Manager, informed the AQC members that she has arranged for the Charlotte Regional Transportation Planning Organization (CRTPO) staff to attend the June AQC meeting to brief on the 2050 Metropolitan Transportation Plan (MTP).

**Spring Compliance Workshop**
Jason reminded the AQC members that the Spring Compliance Workshop will be held virtually via WebEx on Tuesday and Wednesday, May 25th and 26th, with the target primary audience being permitted and registered site contacts. The compliance workshop will focus on Keys to Air Compliance Excellence with the focus on air quality permitting 101.

**B. Update on SC Odors Impacting Southern Mecklenburg**
Leslie updated the AQC members on the New Indy odor complaints. Fern Paterson recused herself from the discussion due to New Indy being a client of her law firm. The AQC members were updated on the order issued by South Carolina Department of Health and Environmental Control (SCDHEC) on May 7th to New Indy requiring the facility to submit a Quality Assurance Project Plan (QAPP) for outdoor air quality monitoring both on and off the facility property. Leslie also discussed the emergency order issued by EPA Region 4 on May 13, 2021, under Section 303 of the Clean Air Act (CAA) to New Indy Containerboard to reduce emissions of hydrogen sulfide.

Megan informed the AQC members as of May 7th SCDHEC has received over 17,000 complaints concerning the sulfur odor in Upstate SC, Mecklenburg and Union counties, NC. It was noted that MCAQ received a spike in complaints during April and have only received a few complaints in May probably due to NC residents reporting complaints to SC. MCAQ staff is continuing to review complaints and taking actions as appropriate. A referral link is also being added to the website, which allows access to SCDHEC and EPA information from MCAQ’s website.

Danielle informed the AQC members that MCAQ staff has worked with North Carolina Department of Environmental Quality (NCDEQ) to establish a monitoring site in Ballantyne and Waxhaw; it was also stated that the EPA has a monitoring site in Marvin. On May 9th there was a spike at the Ballantyne monitoring site. It was stated that the site went down for a few days shortly thereafter, however, staff was able to receive data from the EPA’s monitoring site. Data provided from May 12 through May 21 showed readings at the EPA and State monitoring sites from 0 ppb to 10 ppb. It was stated this is compared to the acute MRL value for H2S of 70 ppb and these readings show you may smell H2S odor but levels are below the health-based acute MRL.
C. **Colonial Pipeline Update**
   Leslie provided an update on Colonial Pipeline highlighting the cyberattack that disrupted communication causing the pipeline to be shutdown and having an impact on gasoline distribution making it difficult to get gasoline. It was stated that on May 14th, MCAQ received the required permit application including air dispersion modeling to demonstrate compliance with the air toxics regulations and staff is reviewing the application.

D. **Ozone Season Update**
   Danielle provided the AQC members with an ozone update. So far in 2021, there have not been any exceedance days in Mecklenburg County or in the region. The current ozone compliance value is 65 ppb.
   [Written handout: Ozone Season Update (dated May 24, 2021)]

7. **Next Meeting**
   June 28, 2021 (virtual meeting)

8. **Adjournment**
   12:38 p.m.

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MECKLENBURG COUNTY
- Air Quality Commission -

The virtual AQC meeting was held using WebEx on Monday, June 28, 2021 at 11:30 a.m.

Air Quality Commission Members Absent
Garrison Scruggs

Mecklenburg County Air Quality Staff Present
Ishishua Pierce    Leslie Rhodes    Megan Green    Jason Rayfield    Danielle Jones    Aaron Matijow
Ivonne Hernandez    Chuck Greco    Tori Jercich    Sheldon Turner    Kelly Grass    Tyler Vanhoy

Guest:
Neil Burke, Charlotte Regional Transportation Planning Organization
Travis Johnson, Charlotte Regional Transportation Planning Organization
Judy Dellert-O'Keef, Charlotte Regional Transportation Planning Organization

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

Roll Call of the Air Quality Commission Members
Air Quality Commission Members Present
Peter McGrath    Gordon Miller    Brian Magi    Marcus Hackler    Lisa Hooker    Terry Lansdell
Aaron Levy    Fern Paterson    Rosa Mustafa    Janet Garner-Mullins

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 Aaron Levy.
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):
Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. Terry Lansdell asked some questions about the Concrete Supply Co. site and compliance actions with the facility. Jason stated the site is in compliance and provided information on the most recent dust complaint. Terry asked about the inspection history and compliance timeline for the site. Jason informed Terry that he will have to lookup this information, however, he informed Terry that a site investigation was done earlier this year. Chair McGrath asked Jason to provide the inspection history and compliance timeline information to the AQC.

### B. General Comments to the Commission

None

### 4. Request for AQC Action on Establishment of Hearing Panel

Chair McGrath stated the AQC needs to appoint a panel of 3 or 5 members to represent the Commission in an upcoming administrative hearing regarding a penalty assessment. Leslie Rhodes, Air Quality Director, informed the AQC members that the administrative hearing will be for Novem Industries and asked Jason to provide the address for the site. The tentative date for the administrative hearing will be August 3rd at Suttle Avenue starting at 1:00 or 2:00 p.m. Peter McGrath, Marcus Hackler, Terry Lansdell, Rosa Mustafa and Janet Garner-Mullins 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 asked if there were any announcements from the AQC members and MCAQ staff.

#### A. Announcements

**AQ Personnel**

Danielle Jones, Monitoring Program Manager, introduced Tyler Vanhoy as the new Environmental Specialist in the Monitoring Program.
**Spring Compliance Workshop**
Jason provided an update on the Spring Compliance Workshop that was held virtually via WebEx on May 25th and 26th. It was stated that the virtual AQ101 workshop was a success based on feedback from attendees.

**Mobile Source Update**
Megan Green, Mobile Source Program Manager, informed the AQC members of some recent updates to WebEx and stated that staff will troubleshoot some logistic issues from the update after today’s meeting.

**NACo Awards**
Megan informed the AQC members that MCAQ has received two National Association of Counties (NACo) achievement awards for Breathing Room and GovOnline that was submitted by Tori Jerceich and Ivonne Hernandez. It was stated that local Medic also received an achievement award for an idle reduction project where MCAQ staff helped secure grant funding that paid for projects.

**MCAQ Staff Return to Office update**
Leslie informed the AQC members that the Suttle Avenue building will reopen and staff will transition to the County’s Stage 2 phased in return to work starting July 1st. The phased in return to work will continue through July and August with everyone returning to the office in September.

Terry Lansdell asked if the July AQC meeting would be an in-person meeting which opened discussion for the return to in-person meeting agenda item. There was a suggestion and motion made to change the order of the agenda items to allow the 2050 Metropolitan Transportation Plan agenda item to be discussed first.

**Action Taken:**
Motion: A motion was made to change the order of the agenda items moving the 2050 Metropolitan Transportation Plan before the Discuss Return to In-Person Meetings agenda item.
Made: The motion was made by Gordon Miller and seconded by Fern Paterson.
Vote: The motion was adopted unanimously.

**B. 2050 Metropolitan Transportation Plan**
Megan introduced Neil Burke, Travis Johnson and Judy Dellert-O’Keef, staff from Charlotte Regional Transportation Planning Organization (CRTPO) to discuss the 2050 Metropolitan Transportation Plan (MTP). Travis Johnson provided an overview of the CRTPO’s including the purpose and responsibility which conducts transportation planning activities, coordinate with regional agencies and engage the public, allocate federal transportation funds to eligible projects and maintain plans and programs in compliance with federal regulations. The MTP is a long-range plan that establishes goals, objectives, and transportation priorities over the next 20+ years. The MTP
Air Quality Commission Summary Minutes

considers all modes of surface transportation, must be fiscally constrained and is updated a minimum of every 4 years. Mr. Johnson highlighted some key components of the MTP.

Rosa Mustafa leaves the meeting at 12:06 pm.

Neil Burke discussed the project ranking process breaking down the two tier criteria; Tier 1 evaluate the need and Tier 2 measure the sustainability. Mr. Burke highlighted fiscally constrained roadway projects providing the schedule for project list approval, active transportation corridors and transit agency coordination before discussing air quality conformity and the role it plays in the MTP. Transportation conformity is required by the Clean Air Act. Intended to ensure that federal funds are allocated to projects consistent with (“conforming to”) air quality goals established in State Implementation Plan (SIP). MTP adoption will include an air quality conformity finding.

Rosa Mustafa rejoins the meeting at 12:16 p.m.

Mr. Burke paused to take questions from AQC members on topics discussed thus far in the presentation before handing the presentation over to Judy.

- Rosa Mustafa asked if this project would address some of the congestion and constant idling on the I-85 corridor between Brookshire and Sugar Creek. Neil informed Rosa that the City of Charlotte has submittal several interchange improvement projects along the I-85 corridor to address the congestion at those interchanges and to make sure cars can continue to move through the area without idling.
- Rosa asked a follow-up question about the Environmental Justice (EJ) analysis only running in September and October. Neil informed Rosa that once the project list has been adopted they will do a more detailed EJ analysis to determine the degree of impact on EJ sensitive communities.
- Brian Magi asked what happens if the assessment or analysis shows that land is being lost to EJ sensitive areas. Neil discussed the public engagement being proactive to provide outreach during public comment period and provided an update on the EJ planning during the plan.
- Rev. Janet Garner-Mullins asked a question if there are EJ organizations working as partners within the community to provide outreach. Neil highlighted what efforts had been completed by the communication department to address the answer to this question.
- Terry Lansdell requested a link to be sent concerning the weighed voting structure for the CRTPO. It was stated that Megan would send out the link to the AQC members.
- Brian Magi asked a question if there were direct communication with York County concerning the MTP. Neil provided a response to this question.

Judy Dellert-O’Keef, Public Engagement Planner, showed a short video on project investments to the AQC members before discussing the phases of engagement and project schedule. The current
public comment period will close on July 14th. A website link was provide on how to provide input on the draft plan.

[Written handout: 2050 Metropolitan Transportation Plan-draft (PowerPoint Presentation)]

C. Discuss Return to In-Person Meetings
Chair McGrath begin the discussion on holding future meeting virtually or a hybrid approach starting in July. Chair McGrath asked Leslie if it was possible to have July AQC meeting in-person. Leslie informed the AQC members that there is an option to have an in-person meeting, however, a hybrid approach with video and in-person meeting is not an option for the July meeting. There are some video and audio issues that will need to be addressed in the conference room as well as some consistency within LUESA advisory boards policy for in-person/hybrid meetings. It was agreed upon to move forward with a virtual meeting for July and discuss topic again at a later meeting.

D. Photochemical Assessment Monitoring System Overview
This agenda item was tabled to the July AQC meeting.

E. Ozone Update
Danielle provided the AQC members with an ozone update. So far in 2021, there have not been any exceedance days in Mecklenburg County and only one in the region. The current ozone compliance value is 65 ppb.

[Written handout: Ozone Season Update (dated June 28, 2021)]

6. Next Meeting
July 26, 2021 (virtual meeting)

7. Adjournment
12:59 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 26, 2021 at 11:30 a.m.

Air Quality Commission Members Absent
Garrison Scruggs    Rosa Mustafa    Lisa Hooker    Aaron Levy    Terry Lansdell

Mecklenburg County Air Quality Staff Present
Ieshishua Pierce     Leslie Rhodes     Megan Green     Jason Rayfield     Danielle Jones     Aaron Matijow
Ivonne Hernandez     Tori Jercich     Sheldon Turner     Evan Shaw

Guest:
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
Leslie Young, General Public

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

Roll Call of the Air Quality Commission Members
Air Quality Commission Members Present
Peter McGrath     Gordon Miller    Brian Magi    Marcus Hackler    Fern Paterson    Janet Garner-Mullins
Jamie Watts

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 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):

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlotte Pipe &amp; Foundry Company, Inc.</td>
<td>1335 S. Clarkson St., Charlotte, NC 28208</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>MacLeod Construction, Inc. – North Pointe Business Park Concrete Batch Plant</td>
<td>4304 Northpointe Industry Blvd, Charlotte, NC 28216</td>
<td>Information Only</td>
</tr>
</tbody>
</table>
Jason Rayfield, Permitting & Enforcement Program Manager, was available to answer questions. Jason informed the AQC members that the Charlotte Pipe and Foundry permit application is for a minor modification to add three new brushout stations for cleaning steel molds used in the pipe making process. Gordon asked a question about the public notice he saw published in the Charlotte Observer. Jason and Leslie stated that this was part of the enhanced outreach and public communication that resulted from the 2019 Charlotte Pipe public hearing. 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 as well as a list of current neighborhood associations and community organizations that was compiled from the City of Charlotte Neighborhood Organization Contact List located near Charlotte Pipe. Rev. Janet Garner-Mullins asked if a copy of the Neighborhood Organization Contact List can be provided to her and it was suggested that she and Megan talk offline after the meeting. Fern Paterson recused herself from the discussion due to Charlotte Pipe & Foundry being a client of her law firm.

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
   Administrative Hearing
   The AQC members were reminded that the Administrative Hearing for Novem Industries will be held on August 3rd at Suttle Avenue in the Hal Marshall Conference Room starting at 1:30 p.m. Peter McGrath, Marcus Hackler, Terry Lansdell, Rosa Mustafa and Janet Garner-Mullins previously volunteered to serve on the hearing panel.

   MCAQ Staff Return to Office update
   Leslie informed the AQC members that on July 1st staff transitioned to the County’s Stage 2 phased in return to work with staff working in the office 1 to 3 days per week through July. In August, staff will step up to adhere to what will likely be the County’s telework policy starting January 2022 where employees may telework up to 3 days a week. It was stated that all county employees will return to the office in September and work in the office through December.

   August AQC meeting
   Chair McGrath suggested to continue with a virtual meeting in August and look to move to in-person/hybrid meeting starting in September.
Carolina’s Air Pollution Control Association (CAPCA) Young Professionals Event
Leslie asked Fern Paterson to verify if the upcoming CAPCA Young Professional Event was for CAPCA members only; Fern confirmed that this is a social organization and people who are not members of CAPCA will be able to attend the event. Leslie informed the AQC members that she will have Ieshishua to email the event registration information and a link to include information on CAPCA for anyone interested in joining the association.

Monitoring Personnel Update
Danielle Jones, Monitoring Program Manager informed the AQC members that Keshawn Hinton has been hired as an Air Monitoring Specialist for the Monitoring program and she will be formally introduced at a future meeting since she was scheduled for field training.

P&E update
Jason provided the AQC members an update on actions that were taken at the North Carolina Environmental Management Commission (EMC) special meeting held on July 13th concerning a petition for rulemaking submitted by Clean Air Carolina and the North Carolina Coastal Federation to adopt a rule to limit carbon dioxide pollution from the electric power sector in North Carolina. The Petition proposes North Carolina participating in the Regional Greenhouse Gas Initiative (RGGI) as the primary mechanism to reduce CO2 emissions from this sector. On June 15, 2021, the State AQC held a special meeting and recommended that the petition be presented to the full EMC for action, the EMC approved the petition at the July 13th meeting. Fern asked a question about the EMC approval of the petition. Jason stated that DAQ will review the petition and supporting materials and will put together a proposal of draft rules to send to the EMC for approval. Rules may become effective in January 2023. It was noted that MCAQ has no sites for these rules.

Volkswagen Funding Update
Megan Green, Mobile Source Program Manager, provided the AQC members with an update on the Volkswagen Funding starting with some background information VW Trust Funding. It was stated DEQ will allocate the previous funds set aside for Phases 2 and 3 into one final Phase 2 making $60 to $63 million available for Phase 2 funding.

The following Phases 2 changes were highlighted:

- Proposal to prioritize applications in counties that did not receive funding in Phase 1.
- Vehicle electrification to maximize emission and public health benefits. Projects that transition from diesel vehicles to electric vehicles will be eligible for the maximum funding percentages.
- Target outreach in underserved communities through scoring bonuses and by assisting under-resourced communities that may not have applied for grants in Phase 1.
Air Awareness Webinar
The AQC members were informed that the Air Awareness team will partner with the Charlotte Regional Transportation Coalition for a webinar on August 4th at 4:00 p.m. called Connecting the Dots: Air Quality and Transportation. Ieshishua will email AQC members the link to register for the webinar.

B. Photochemical Assessment Monitoring System (PAMS) Overview
During the May AQC meeting Gordon Miller asked if a presentation can be given on PAMS to include the technology and data at a future AQC meeting. Danielle gave a presentation providing an overview of PAMS. PAMS support the ozone NAAQS and the main objective is to develop a database of ozone precursors and meteorological parameters to support ozone model development and track the trends of key ozone precursor concentrations. PAMS program changes requirements were finalized in October 2015 with one of the requirements being PAMS measurements required to be collocated with existing NCORE sites in areas with population of greater than 1 million. NCORE is a multi-pollutant network that integrates several advanced measurement systems for particles, pollutant gases and meteorology. Danielle highlighted PAMS measurements, explained Sidebar: NOy and True NO2 and how VOC data is collected. Danielle recognized Kelly Grass for being the primary point of contact for PAMS and the Air Monitoring team for outstanding efforts on getting the system up and running.

Gordon Miller recognized Kelly and Danielle for putting together a great presentation. Gordon also noted how important this data will be in identifying what’s in the atmosphere that will help recognize ozone.

[Written handout: Air Monitoring: PAMS Overview (PowerPoint presentation)]

C. GRADE Story Map
Megan presented the GRADE Story Map to the AQC members. The GRADE Story Map highlights the history of the Grants to Replace Aging Diesel Engines (GRADE) program that was launched in 2007 designed to reduce oxides of nitrogen (NOx) by providing businesses and organizations funding incentives to replace or repower heavy-duty diesel equipment with newer, cleaner, less polluting engines. The GRADE Story Map allows you to tour GRADE projects by counties providing information on the number of projects, funding received and NOx tons reduction for each county. A video was share that provided GRADE testimonials from businesses that has participated in the GRADE program. This information will be used as a marketing tool for GRADE. Megan thanked Sheldon Turner who served as lead and Ivonne Hernandez who helped assisted with this project. Ieshishua will include a link to the GRADE Story Map in the AQC follow-up email.

Jamie Watts leaves the meeting at 12:27 p.m.
D. **Ozone Update**
Danielle provided the AQC members with an ozone update. So far in 2021, there have not been any exceedance days in Mecklenburg County and only one in the region. The current ozone compliance value is 66 ppb. Chair McGrath asked if there were any PM data available from last week concerning the wildfire smoke. Danielle informed the AQC members that she was out of the office last week however she was able to briefly review some of the data that did show an increase in PM on days the air quality forecasted was code orange.

[Written handout: Ozone Season Update (dated July 26, 2021)]

5. **Next Meeting**
   August 23, 2021 (virtual meeting)

6. **Adjournment**
   12:31 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 23, 2021 at 11:30 a.m.

Air Quality Commission Members Absent
Janet Garner-Mullins

Mecklenburg County Air Quality Staff Present
Ieshishua Pierce      Leslie Rhodes      Megan Green      Jason Rayfield      Danielle Jones   Chuck Greco
Keshawn Hinton       Tori Jerich      Sheldon Turner

Guest:
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
Leslie Young, General Public

1. Call to Order
Chair Peter McGrath called the meeting to order at 11:33 a.m.

Roll Call of the Air Quality Commission Members
Air Quality Commission Members Present
Peter McGrath      Gordon Miller      Brian Magi       Marcus Hackler    Fern Paterson    Karl Welke
Jamie Watts        Lisa Hooker       Aaron Levy

Billy Powers joined at 11:35 a.m. and Rosa Mustafa joined at 11:37 a.m.

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

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):


B. General Comments to the Commission
None

4. Request for AQC Action to Open Public Comment Period for Revisions to the Mecklenburg County Air Pollution Ordinance
Chuck Greco, Permitting Supervisor, was introduced to discuss the proposed revisions to the Mecklenburg County Air Pollution Control Ordinance (MCAPCO) to incorporate necessary changes from state rules. This adoption will consist solely of state rules adopted by reference that includes 145 rules as revised by the state from Groups 5 and 6 of its Periodic Review of Existing Rules and 2 rules concerning log fumigation. The AQC members received an electronic copy of the summary of the proposed revisions with the AQC agenda for review. The MCAPCO proposed revisions would be presented for adoption to the Mecklenburg County Board of County Commissioners (BOCC) at the October 19, 2021 BOCC meeting.

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

• MCAPCO Regulation 2.0530 – “Prevention of Significant Deterioration” and 2.0531 – “Sources in Nonattainment Areas”:
  - Clarifies that condensable particulate matter shall be accounted for in applicability determinations and in establishing emissions limitations for PM2.5 and PM10
  - Revises the reporting requirements for facilities that avoid PSD/NNSR applicability based on emission increases calculated using Projected Actual Emissions

• MCAPCO Regulation 2.0932 – “Gasoline Cargo Tanks and Vapor Collection Systems”: Leak tightness certification of gasoline cargo tanks is now based on federal (DOT) requirements, not state specific requirements.

• MCAPCO Section 2.2600 – “Source Testing”
  - 2.2601 – “Purpose and Scope”:
    A request to use an “alternative test method” must be submitted 45 days prior to the test for approval
  - 2.2602 – “General Provisions on Test Methods and Procedures”:
Test reports must now contain a certification statement indicating compliance or non-compliance

- 2.2608 –“Number of Runs and Compliance Determination”:
  Test must be made up of three runs at the same conditions
- 2.2609 –“Particulate Testing Methods”:
  Condensable particulate matter must be included in PM2.5 testing

The public comment notice will be posted on the MCAQ website.

**Action Taken:**
Motion: A motion was made for the AQC to open the public comment period for the MCAPCO revisions.
Made: The motion was made by Fern Paterson and seconded by Gordon.
Vote: The motion was adopted unanimously

[Written handouts: Summary of October 19, 2021 revisions to the Mecklenburg County Air Pollution Control Ordinance; Mecklenburg County Air Pollution Control Ordinance 2021 Revisions (PowerPoint Presentation)]

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

   A. **Announcements**
   **Mobile Source updates**
   Megan Green, Mobile Manager, informed the AQC members that mobile source staff has resumed in-person outreach events with safety protocols in place. The AQC members were updated on an outreach event held with campers at a Park & Recreation camp.

   **ACE Awards**
   Jason informed the AQC members that the Air Compliance Excellence (ACE) awards will be issued the week of August 23rd. 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 166 permitted sites will receive the ACE award.

   **Annual Forum**
   The AQC members were informed that the Annual Air Quality Forum will be held on November 4th. Staff is working on the logistics so more details to come.

   **Monitoring Personnel Update**
   Danielle Jones, Monitoring Manager introduced Keshawn Hinton, Air Monitoring Specialist for the Monitoring program. Chair McGrath welcomed Keshawn to MCAQ.
Recognition of New AQC members
Leslie Rhodes, Air Quality Director recognized the two new AQC members, Karl Welke and Billy Powers who filled the General Public and Transportation positions. Chair McGrath welcomed Mr. Welke and Mr. Powers to the AQC.

B. Withdrawal of Penalty Hearing Request
Leslie provided an overview of the process that happened from the issuance of the Notice of Violation with Assessment of Civil Penalty to Novem Industries and their request for an administrative hearing that was scheduled for August 3rd. After the hearing was scheduled, attorneys from both parties met and staff was contacted by Novem, through their attorney, asking to withdraw the request for a hearing. The AQC members were provided a copy of the County Novem Settlement Agreement. Rosa Mustafa asked what actions the site is taking to change the end result to keep this from happening again moving forward. Leslie and Jason addressed this question providing an update on what the site is doing to comply with their dust control plan along with the facility’s request that staff come to the site to offer additional dust control recommendations. Aaron Levy asked about the number of violations the site has had previously and what the penalty would be going forward. Jason stated over the last five years there has been at least six violations and the penalty moving forward was a base state penalty and would escalate with a repeat violation. There was some discussion on how the penalty amount was assessed. Aaron asked if staff could notify the AQC members of future violations at the site. Leslie stated that staff can notify the AQC at their request if there are future notice of violations issued to this site and asked Ieshishua Pierce to note this in the minutes to help execute it.

C. Colonial Update
Leslie provided an update on Colonial Pipeline informing the AQC members that the recovery of free product from groundwater is continuing at the site. MCAQ is continuing to collect monitoring samples at the site that is sent to the State lab and analyzed for several toxic compounds. The data is currently under review by the State Toxicologist. Leslie stated that the early indications with consultation with the NC Division of Air Quality is the values we are seeing are below the applicable minimum risk levels. Leslie addressed the news reports concerning MTEB exposure at the site and informed the AQC members that the State has received a non-detect for MTEB at the site. It was stated that modeling was completed by Colonial to demonstrate compliance with state air toxic standards and the modeling has been submitted to MCAQ. MCAQ has requested additional information that has been received and is currently being reviewed by Permitting & Enforcement staff. Jason added that staff intends to inspect the site making sure all sources there are accounted for in the application.

Rosa asked whether Colonial will establish new monitors to help prevent any further spills. Leslie stated the site does not have a regulatory requirement to monitor for purposes of
compliance with Air Quality rules however they do use VOC monitors for workers safety. The toxic monitoring being done on site is being completed by MCAQ. Gordon asked if any control equipment is required. Jason informed Gordon that the site is using control equipment such as two thermal oxidizers. Rosa asked a follow-up question about reporting: the total gallons spilled was much higher than originally reported, how are we sure that this couldn’t happen again in the reporting? Leslie stated this is a question that would have to be addressed by the Division of Waste Management who is lead agency regulating the spill.

New Indy Update
Leslie updated the AQC members on the New Indy odor complaints. Fern Paterson recused herself from the discussion due to New Indy being a client of her law firm. Leslie provided an overview of the New Indy sulfur odor complaints for the new AQC members. It was stated that South Carolina Department of Health and Environmental Control (SCDHEC) continues to receive odor complaints from North and South Carolina residents. During a period in July there was an increase in complaints from North Carolina residents. At that time, the monitor located in Waxhaw showed some spikes in value for hydrogen sulfide into or above the odor threshold but below minimum risk levels for hydrogen sulfide. The AQC members were informed that the monitoring site located in Ballantyne has malfunctioned and since the monitor is not repairable, the North Carolina Department of Environmental Quality (NCDEQ) will not replace it. The monitoring site in Waxhaw will continue to run.

New Indy is responsible for operating community monitors and fence-line monitors in South Carolina and that data can be accessed on the SCDHEC page dedicated to New Indy. Leslie highlighted some of the weekly reports submitted by New Indy that can be found on the SCDHEC website. Jamie Watts asked a question concerning the corrective action plan that SCDHEC is working with New Indy on what rule is being enforced. Jason provided some information and Leslie asked Jamie to give staff the opportunity to follow-up on his question. Leslie will provide the AQC members with a link to information regarding the New Indy odor investigation.

D. Ozone Season and Wildfire Updates
Danielle provided the AQC members with an ozone update. So far in 2021, there have been one ozone exceedance day in Mecklenburg County and two in the region. The current ozone compliance value is 66 ppb.

Danielle provided the AQC members with some PM10 and PM2.5 data from July during the wildfires that happened in the Western United States. It was stated that Monitoring staff began to see some impact from the wildfire smoke starting July 20. An increase in PM was observed, but there was no exceedance of a health base standard. The AQC members were show a graph that
highlight PM10 and PM2.5 monthly averages for July at several monitoring stations in Mecklenburg County. The data showed higher values for 2021 than the prior year for each of the sites with a higher concentration happening during Fourth of July fireworks displays. There were some questions about the values being lower at Garinger and if there were any speciation data. Chair McGrath asked if a quarterly report PM2.5 update could be given to the AQC members. Leslie stated that in the past staff provided an annual PM2.5 report and can discuss providing that information.

[Written handouts: Ozone Season Update (dated August 23, 2021); PM10 & PM2.5 Monthly Averages for July graph]

E. Questions and Report Out from Clean Aire NC Permitting Workshop
Leslie updated the AQC members on the Air Permitting 101 workshop held by Clean AIRE NC and NC Division of Air Quality on August 12th that highlighted the State’s permitting process. Leslie recognized Rosa Mustafa and Rev. Janet Garner-Mullins who attended the webinar before asking if anyone had feedback or questions about information shared in the webinar. No AQC members had any questions.

6. Next Meeting
September 27, 2021 (virtual meeting)

7. Adjournment
12:53 p.m.

Mecklenburg County will comply with the Americans with Disabilities Act (ADA), which prohibits discrimination against people with disabilities. Mecklenburg County will make reasonable accommodations in all programs to enable participation by an individual with a disability who meets essential eligibility requirements. Mecklenburg County programs will be available in an integrated setting for each individual. If accommodations are necessary for participation in any program or services, participants are encouraged to notify staff.
The virtual AQC meeting was held using **WebEx** on Monday, September 27, 2021 at 11:30 a.m.

**Mecklenburg County Air Quality Staff Present**
Ieshishua Pierce     Leslie Rhodes     Megan Green     Jason Rayfield     Aaron Matijow     Chuck Greco
Keshawn Hinton     Tori Jercich     Sheldon Turner     Katie Nordin     PJ McKenzie     Donna Cavaliere
Ivonne Hernandez

**Guest:**
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
Terry Lansdell

1. **Call to Order**
   Chair Peter McGrath called the meeting to order at 11:31 a.m.

**Roll Call of the Air Quality Commission Members**
**Air Quality Commission Members Present**
Peter McGrath     Gordon Miller     Janet Garner-Mullins     Marcus Hackler     Billy Powers     Karl Welke
Jamie Watts     Brian Magi     Aaron Levy

Chair McGrath recognized former AQC member, Terry Lansdell who attended the meeting.

Rosa Mustafa joined at 11:34 a.m. and Fern Paterson joined at 11:35 a.m.

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):
Jason Rayfield, Permitting Manager, was available to answer questions. Per Chair McGrath’s request Jason explained the alternative notice process for the new AQC members. The AQC members were informed that alternative notice is published in the Charlotte Observer by the facility and public comments are received for 15 days after the date the notice is published. The facility is responsible for paying the legal notice fee as well as a fee to MCAQ for processing the permit.

Jason highlighted Colonial Pipeline Company’s Huntersville NC Remediation Site draft permit. Fern Paterson asked a question about the onsite control equipment and Jason informed her that 2 thermal oxidizers were being used and the site has applied for use of a 3rd thermal oxidizer. Fern also asked questions about the nitrogen oxide emissions and Jason also provided an explanation.

### B. General Comments to the Commission

None

**Recognition of Service on AQC**

Chair McGrath and Leslie Rhodes, Air Quality Director, recognized Terry Lansdell for his years of service on the AQC. Terry served the majority of his term on the AQC as the transportation representative. Chair McGrath recognized Terry as being one of the most prepared members of the commission for each meeting and very knowledgeable about air quality issues within Mecklenburg County. Chair McGrath also stated that Terry did a great job representing the views of the transportation community to the commission. Chair McGrath thanked Terry and wished him the very best in his future endeavors. Leslie recognized Terry’s advocacy and willingness to take action on transportation issues. A slide was shared that showed Terry along with other AQC members attending an Environmental Stewardship Committee meeting. Terry Lansdell thanked everyone for their kind words stating it was a great tenure serving on the AQC and hopefully he will be able to return to the commission one day.

### 4. Request for AQC Action to Recommend Revisions to the Mecklenburg County Air Pollution Ordinance

Jason informed the AQC members that there was a request for action to recommend and approve revisions to the local ordinances. It was stated that this adoption will consist solely of state rules adopted
by reference that includes 145 rules as revised by the state from Groups 5 and 6 of its Periodic Review of Existing Rules and 2 rules concerning log fumigation. Chuck Greco, Permitting Supervisor, presented a summary of the proposed revisions at the August AQC meeting. The public comment period was opened on August 23rd by the AQC and ran through September 22nd. There were no comments received. The proposed revisions would be presented for adoption to the Mecklenburg County Board of County Commissioners (BOCC) at the October 19, 2021 BOCC meeting.

Action Taken:
Motion: A motion was made for the AQC to recommend to the BOCC adoption of the revisions to MCAPCO.
Made: The motion was made by Gordon Miller and seconded by Jamie Watts.
Vote: The motion was adopted unanimously by a roll call vote.

There was a question from Jamie concerning when will the rule review process by the State start again and Jason informed him that it would start in 2024.

[Written handout: MCAPCO Proposed Revisions to BOCC presentation]

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

A. Announcements
   Educational Sessions for AQC members
   Leslie announced staff is planning some educational sessions for AQC members that will be held virtually and more details will come over the next few weeks. It was noted that the virtual sessions will be opened to the public and a notice will be published on the Mecklenburg County Public Calendar with the meeting link.

   One on One meetings
   Leslie will be scheduling one on one meeting with members of the AQC to discuss any questions or concerns about AQC meetings as well as to provide members with the opportunity to receive additional information from topics discussed at meeting especially since current meetings are not held in-person. AQC members were asked to contact Ieshishua or Leslie if they are interested in scheduling a meeting.

   AQC rezoning summary update
   Megan Green, Mobile Manager, informed the AQC members that a new comment about EV charging has been added to the AQC rezoning summary.

   New electric vehicle
   Jason informed the AQC members that P&E staff has received their first electric vehicle - a Nissan Leaf that will be used during field work and inspections.
Annual Forum
Staff is working on plans for the annual air quality forum that will be held virtually on November 4th. Invitations for the annual forum will go out next month. The agenda will include an update from each of the air quality programs along with an update from the State and a discussion on environmental justice.

B. GRADE Call for Projects
Megan informed the AQC members of a GRADE Call for Projects. A brief overview of the Grants to Replace Aging Diesel Engines (GRADE) program was given for the new AQC members before Megan provided information for the new GRADE call for projects. The call for projects will start October 1st and run through December 31st with $1 million in GRADE funding available. Megan provided an example of the type of equipment and vehicles available for replacement with this call for projects. An overview of the marketing strategy for this call for projects was shared with the AQC members. The AQC members were asked to provide any organizations or businesses that they think may be interested in submitting applications for this call for projects. Several AQC members provided organizations and associations in the surrounding towns that may be interested in receiving information.

C. Colonial Pipeline Spill Update
Leslie provided an update on the Colonial Pipeline spill that occurred in the Oehler Nature Preserve. The AQC members were emailed a memorandum from Leslie providing updates on air monitoring conducted at the spill site in Huntersville, NC to review before the meeting. It was noted that updates are provided by the North Carolina Department of Environmental Quality via their Colonial Pipeline Spill Information Webpage. The AQC members were provided an overview including background information on the installation of the monitoring site and collection of the sampling data completed by MCAQ monitoring staff as a joint effort with NC Division of Air Quality (NCDAQ). Leslie informed the AQC members that the memo provides a summary of the State’s analysis of the samples collected at the site showing all toxic air pollutants have been below the CDC and National Institute of Occupational Safety and Health (NIOSH) exposure guidelines.

Jason Rayfield was recognized to talk about the site visit before opening for questions from the AQC members. MCAQ staff performed a site inspection to observe all the air emission release points to make sure the application received was accurate and the emissions were accounted for properly. An overview was provided of what was inspected at the site and it was noted that Colonial is controlling or capturing the emission from the fractionation tanks and routing to a control device. The inspection helped craft the permit that is listed on the
agenda today. Jason highlighted some changes expected at the site learned during the inspection.

Chair McGrath asked if Colonial has any estimate of how long this will be ongoing? Leslie stated there is no estimate of how long this will be ongoing, however, staff is treating this as if they will be on site for years. Gordon made a comment concerning an acronym error within the memorandum and Leslie informed him that she will inform the State of the error.

D. **Ozone Update**

Leslie provided the AQC members with an ozone update. So far in 2021, there have been one ozone exceedance day in Mecklenburg County and two in the region. The current ozone compliance value is 66 ppb. Leslie informed the AQC members that Danielle Jones is gathering data for PM2.5 that will be presented at the October AQC meeting.

6. **Next Meeting**
   
   October 25, 2021 (virtual meeting)

7. **Adjournment**
   
   12:40 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.*
The virtual AQC meeting was held using WebEx on Monday, October 25, 2021 at 11:30 a.m.

AQC Absent
Billy Powers    Karl Welke

Mecklenburg County Air Quality Staff Present
Ieshishua Pierce   Leslie Rhodes   Megan Green   Jason Rayfield   Danielle Jones   Aaron Matijow
Chuck Greco       Ivonne Hernandez  Tori Jercich  Sheldon Turner  Katie Nordin      PJ McKenzie
Keshawn Hinton    Tyler Vanhoy

Guest:
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
Leslie Young, General Public

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    Janet Garner-Mullins   Marcus Hackler   Jamie Watts   Brian Magi
Lisa Hooker    Rosa Mustafa

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

Fern Paterson joined at 11:37 a.m.

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):
<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Ready Mix LLC</td>
<td>7225 Old Statesville Rd, Charlotte, NC 28269</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Charlotte Douglas International Airport</td>
<td>5601 Wilkinson Boulevard, Charlotte, NC 28208</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Print Management Group</td>
<td>425 E. Arrowhead Drive Charlotte NC 28213</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>SHM Kings Point</td>
<td>18020 Kings Point Drive, Cornelius, NC 28031</td>
<td>Information Only</td>
</tr>
</tbody>
</table>

Jason Rayfield, Permitting 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.

Aaron Levy joined at 11:40 a.m.

**A. Announcements**

**One on One meetings**
Leslie Rhodes, Air Quality Director, announced at the September AQC meeting that she would be scheduling one on one meetings with members of the AQC to discuss any questions or concerns about AQC meetings as well as to provide members with the opportunity to receive additional information from topics discussed at meetings especially since current meetings are not held in-person. Leslie held two one on one meetings in October and will be scheduling two more meetings in November.

**GRADE call for projects update**
Megan Green, Mobile Sources Manager, thanked the AQC members for providing the names of organizations and associations that may be interested in submitting applications for the current GRADE call for projects. Megan informed AQC members that staff has been successful with reaching out to several of the organizations and associations.

**GRADE funding update**
Megan informed the AQC members that staff will be submitting an application for funding from the Charlotte Regional Transportation Planning Organization (CRTPO) to receive Congestion Mitigation and Air Quality (CMAQ) funding for GRADE project that will focus on replacement of three locomotives that are operated by Norfolk Southern within Mecklenburg County. It was stated that two of the locomotives will be replaced with tier 3 engines and 1 of the locomotive’s engine will be completely removed and become a slug engine. If funding is received for these projects, it is expected to reduce 24 tons of air pollution per year and 230 tons of NOx reduction over 10 years.
**MCAPCO revision adoption**
Jason Rayfield, Permitting Manager, informed the AQC members that the proposed MCAPCO revisions were adopted by the Mecklenburg County Board of County Commissioners (BOCC) at the October 19\textsuperscript{th} BOCC meeting. This was the final set of rules from the Periodic Review of Existing Rules from the State.

**Annual forum**
The AQC members were reminded that the Annual Air Quality Forum will be held virtually on Thursday, November 4\textsuperscript{th}. The email invitation has gone out and AQC members should confirm attendance with Ieshishua. There will be updates provided from all three MCAQ programs, a State update from Deputy Director Michael Pjetraj from NCDAQ and an overview of Environmental Justice for permitting site contacts. Should anyone have questions concerning the annual forum, they were informed to contact Jason or Ieshishua.

**Second Near-Road Monitoring Station**
Danielle Jones, Monitoring Manager, provided the AQC members with an update on the second near-road NO2 monitoring station. Monitoring staff are moving forward with getting the site up and running for the second near-road monitoring station that will be located at the Equipment Drive site. Danielle will keep the AQC members posted.

**B. Annual PM2.5 Update**
Danielle provided the AQC with a data summary of Particulate Matter 2.5(PM2.5) within the MCAQ monitoring network. PM2.5 are fine particles that can be emitted directly or formed in the air from gases. PM2.5 National Ambient Air Quality Standards (NAAQS) was first promulgated in 1997 with monitoring beginning in 1999. The current PM2.5 NAAQS Annual Standard was changed to \( \leq 12.0 \text{ mg/m}^3 \) in 2012 and the 24 hour standard is \( \leq 35 \text{ mg/m}^3 \). Accessing real-time MCAQ PM2.5 monitoring data can be found on the MCAQ website and AirNow.gov. MCAQ currently has three PM2.5 monitors in Mecklenburg County located at Remount, Garinger and Friendship Park. All three sites have continuous monitoring, it was stated that collocated continuous and filter-based monitoring are done at the NCore (Garinger) and Near-Road (Remount) sites. The PM2.5 data for the annual standard and 24 hour standard has shown a decreasing trend in Mecklenburg County through 2020. Mecklenburg County monitoring sites are in compliance with the current PM2.5 standard. It was stated that the EPA is reconsidering the 2020 decision to retain the PM NAAQS and has requested policy assessment for the reconsideration. The Clean Air Scientific Advisory Committee (CASAC) are reviewing the policy assessment and holding public meetings.

The AQC members were given an opportunity to ask questions concerning this agenda item.
• Brian Magi thanked Danielle for the summary and asked a question concerning what instrument was used at the Friendship Park, if it was also a BAMS 1022 instrument like at Remount. Danielle informed him that it is the same instrument as located at Remount. Brian asked a follow-up question to maintain FEM status is there a reassessment of the accuracy of the BAMS timeline for validation. Danielle informed him that she would have to go back and reference the EPA guidelines and get back with him. Leslie added that there is a collocated filter base monitor so we can provide local comparison.

• Chair McGrath asked if the filter based monitor collocate well with the continuous monitors. Danielle stated that yes it does and there is a comparability assessment that looks at this as part of the annual network plan.

• Jamie Watts asked a question concerning the bar graph of the 3 year result last two bar graph values trending upward. Danielle explained that there could be a number of facts that plays into why those numbers are trending up.

• Brian asked if MCAQ has taken a look at the PAMS VOC data to see if there are any connection between VOC and PM2.5 fluctuation at the Garinger site. Danielle stated staff is currently going through the validation process. Staff currently has one month of validated PAMS data.

• Leslie summarized the acronyms for Federal Reference Methods (FRM) to monitor for air pollution in the community that has been approved by EPA and Federal Equivalent Methods (FEM) which means they can be used in lieu of FRMs.

[Written handout: PM2.5 AQC summary (PowerPoint presentation)]

C. American Rescue Plan Act Funding- Request for Input
The AQC members were informed that the County Manager’s Office would like to receive input and feedback from advisory boards on how the County should use the American Rescue Plan Act (ARPA) funding. Leslie informed the AQC members that there will be separate money coming to MCAQ through the ARPA. AQC members were emailed a handout that provided important dates for the ARPA -State and Local Fiscal Response Fund, the ARPA Guiding Principles and the Framework including the seven pillars for long-term impactful transformation to review and provide feedback. The feedback received by October 29th will be shared with the BOCC at the November 16th BOCC meeting.

Leslie provided examples of projects that would fall under the environmental pillar to provide the AQC members with some discussion points. The AQC members were given the opportunity to provide feedback. The following project concepts comply with the guiding principles and should be considered for funding under the Environmental Pillar:
1. Scholarships for residents in historically underserved communities to participate in workforce training in the solar energy industry
2. Scholarships for residents in historically underserved communities to participate in workforce training electric vehicle repair and maintenance
3. Expanding tree canopy in historically underserved communities
4. Investments in electric vehicle charging stations throughout the county
5. Investments in solar energy infrastructure to power county infrastructure and operations

**Action Taken:**
Motion: A motion was made for the AQC to approve the communication to the BOCC for the ARPA funding priorities by the end of the week.
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 will draft the letter and circulate it to the AQC members for review. It was noted that the letter will also include the comment from Rosa Mustafa on how to incorporate the Mecklenburg County aging residents into the APRA pillar framework.

**Written handout: ARPA Advisory Board Informational**

**D. Ozone Season Update**
Danielle provided the AQC members with an ozone update. So far in 2021, there have been one ozone exceedance day in Mecklenburg County and two in the region. The current ozone compliance value is 66 ppb. Ozone season runs through October 31st so the final ozone season update for CY21 will be provided at the November AQC meeting.

**Written handouts: Ozone Season Update (dated October 25, 2021)**

**E. Monthly Business Report to AQC**
Leslie discussed the monthly business report that was emailed to the AQC members in an effort to help the AQC members understand what MCAQ staff accomplishes by providing a snapshot of what’s going on in MCAQ and the business activities aimed at protecting residents from air pollution and improving air quality. The monthly report highlights each of the three programs. Several AQC members agreed this information would be very useful and they really enjoyed the format. Brian Magi recommended adding the source classification to the permits issued table.

Chair McGrath asked staff to continue providing this monthly report to the AQC.

**Written handout: Monthly Report - Sept Data**

**5. Next Meeting**
Chair McGrath asked Leslie if the AQC should prepare to meet virtual for the November meeting. Leslie informed the AQC members that the decision to meet virtual or in-person was up to the commission.

Leslie has reached out to Ebenezer Gujjarlapudi, LUESA Director, for guidance from the BOCC or
County Manager’s Office on advisory board resuming in-person meeting. Chair McGrath announced that the November 22
meeting will be held virtually.

6. Adjournment
12:42 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.
The virtual AQC meeting was held using WebEx on Monday, November 22, 2021 at 11:30 a.m.

**AQC Absent**
Fern Paterson    Jamie Watts

**Mecklenburg County Air Quality Staff Present**
Ieshishua Pierce    Leslie Rhodes    Megan Green    Jason Rayfield    Danielle Jones    Aaron Matijow
Chuck Greco    Ivonne Hernandez    Tori Jercich    Sheldon Turner

**Guest:**
Sarah Masoud, General Public    Terry Lansdell, General Public    Danielle Mercurio, General Public
Erin Stanforth, Mecklenburg County Manager’s Office (Sustainability and Resilience Manager)
Pamela Escobar, Mecklenburg County Public Information Dept. (Communication Specialist II)

1. **Call to Order**
Chair Peter McGrath called the meeting to order at 11:34 a.m.

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 Lisa Hooker.
   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
   Members of the public wishing to speak during the meeting should contact the Air Quality Commission secretary at 980-314-3359 or AQC@MecklenburgCountyNC.gov at least 30 minutes prior to the start of the meeting so they can be recognized during the public comment time.

   **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):
<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>Action Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crush-It, Inc.</td>
<td>PO Box 1210 Osprey FL 34229-1210</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Snyder's-Lance, Inc.</td>
<td>8600 Crump Road, Charlotte, NC 28273</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>LURE Costar LLC - Lure Convenience Store</td>
<td>10100 Moores Chapel Road, Charlotte, NC 28214</td>
<td>Open Public Comment</td>
</tr>
<tr>
<td>Martin Marietta-Recycled Aggregate Facility</td>
<td>8701 Red Oak Boulevard, Suite 540, Charlotte, North Carolina 28217</td>
<td>Information Only</td>
</tr>
</tbody>
</table>

Jason Rayfield, Permitting 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
Clean Air Act Advisory Committee- Subcommittee appointment
Leslie Rhodes, Air Quality Director, announced that Megan Green, Mobile Manager, has been nominated and appointed to the Mobile Source Technical Review subcommittee of the Clean Air Act Advisory Committee. Megan will be representing local government specifically Mecklenburg County Air Quality and it was announced that this invitation came directly from the EPA Administrator, Michael Regan. Chair McGrath congratulated Megan Green.

Annual Forum
The AQC members were given an update on the Annual Air Quality forum that was held virtually via WebEx on November 4th. There were seventy attendees joining the forum and feedback from the survey was successful. Jason thanked the AQC members that were able to join the meeting and Chair McGrath for providing an update from the AQC. Presentations from the forum are available on the Air Quality website.

State Title V Program
Jason informed the AQC members that the State’s proposal to raise Title V fees is effective with the passing of the NC State budget. Fern Paterson gave a presentation on the NCDAQ Title V fee changes back in July 2020. Jason stated that staff are currently reviewing MCAQ’s Title V fees within the MCAQ budget.

Mobile Source Program update
Megan Green provided an update on some results from GRADE projects are improving local air quality. Emission reductions are tracked over time. Staff ask each of the grant recipients to report back on the equipment usage data every six months and have recently finished compiling the data from the first half of 2021. During that time GRADE projects reduced 38 tons of ozone-forming NOx here within the Charlotte region. Looking back at data since the start of GRADE in 2008, GRADE has reduced 1,095 tons of ozone forming NOx with nearly
850 tons of that reduction coming from ground support equipment/electrification projects at the airport.

**GRADE Call for Projects**
The AQC members were reminded that there is an open call for GRADE projects that will run through the end of the year with $1 million in GRADE funding available.

**B. Addendum to the 2021-2022 Network Plan**
Danielle Jones, Monitoring Manager, informed the AQC members about an upcoming public comment opportunity on the proposed location of a second required near-road monitoring station. A presentation was given that provided an overview of the addendum to the 2021-2022 Network Plan. The AQC members were informed that the purpose of the addendum is to ensure planning consistency, notify public of proposed site location, inform EPA of monitoring network changes and to allow for public comments. The proposed site is located on Equipment Drive adjacent to I-85 and meets EPA siting criteria. The 30-day public comment period on the 2021-2022 Network Plan Addendum will be posted on the Air Quality website.

Danielle paused to take questions from AQC members.

- Brian Magi asked if this near-road site will be located closer to the road than the Remount Road site. Danielle will have to take a look at the exact distance for the Remount site and she will provide that information.
- Brian asked if the station is strictly for NO2 testing? Danielle stated that, as of right now, that is all that will be monitored at the site, however, there is a potential to monitor for other pollutants at the site in the future, if needed. Brian asked a follow-up questions if there is planning from MCAQ to design a site that could expand to other measurements in the future? Danielle explained that is not part of the current plan as of right now, however, this site could potentially be used for additional monitoring in the future, if needed.
- Rosa Mustafa asked when will the monitoring system will be implemented? Danielle stated the original target is July 2022, however, there have been delays. Hopefully, the site will be up and running by the end of 2022. Danielle will keep the AQC members updated.
- Rosa asked a second question what staff is seeking with the data? Danielle provided the background information for this site requirement per the NO2 NAAQS. Leslie explained NAAQS and that this is a federally required monitor triggered by the population growth back in 2017.
- Marcus Hackler asked a question concerning the site location and if a noise wall was installed would it effect the site. Danielle explained that planning for the site location has included NCDOT and she is not aware of any plans for a noise wall.
Peter McGrath asked Leslie if the project has been fully funded all the way through construction & implementation and if all the funding is federal funded? Leslie answered that this funding is all federal funded through section 103 clear air act for initial setup and construction only.

Rosa asked a question on the number of NO2 monitors within Mecklenburg County? Danielle stated there is one located at Remount site and another located at Garinger and this would be the third NO2 monitor and the second near-road site.

C. EPA Actions on Ethylene Oxide

Jason Rayfield and Aaron Matijow, Environmental Supervisor, provided the AQC members with an update on EPA’s actions related to ethylene oxide, information about local sources, and timing of additional data from EPA. Jason provided some background information on Ethylene oxide (EO) which is a flammable, colorless gas used in chemical manufacturing and equipment sterilization. The pollutant is a known carcinogen. In 2016, EPA updated the toxicity value for EO based on more recent health studies. Long-term exposure risks to EO are greater than previously thought. In 2018, EPA prioritized action for two industry sectors; chemical manufacturing and medical device sterilization.

Mecklenburg County has two permitted sources of EO used to sterilize medical equipment located at Sterigenics and Atrium Health. Aaron Matijow focused on Sterigenics which is classified as a commercial sterilizer, an industry sector that is a focus of the EPA rulemaking. Sterigenics is subject to and complies with federal regulations. They also must comply with a local/state regulation. It was noted that the North Carolina regulation is more stringent that the federal regulation. In 2020, Sterigenics chose to install voluntary controls at the site. Staff anticipate that EPA will release an EO model in December or early next year and data from that model will be used for future rulemaking for EO.

Jason and Aaron paused to take questions from AQC members.

Peter McGrath asked where Sterigenics is located. Aaron informed him that the facility is located off Westinghouse Blvd in an Industrial Park.

Rosa Mustafa asked for clarification that there is no manufacturing of EO in Mecklenburg County. Aaron explained that there is no manufacturing of EO that the sites locally use it to sterilize medical equipment and commercial products such as band-aids.

Rosa asked a second question concerning the respiratory issues from the chemical. Aaron stated the chemical is a carcinogen that can cause cancer depending upon exposure. Jason highlighted an EPA study on EO long-term exposure being an issue regarding cancer.
• Aaron Levy asked if there are other alternatives that are being used or preferred for sterilization. Jason stated that the FDA sets the requirements for medical device sterilization and EO is the preferred method. There was a follow-up question concerning the primary equipment being used for sterilization. Aaron Matijow explained the process and the equipment being used. Leslie added that this is a national conversation and the Mecklenburg facility is not one of the largest sterilization facilities identified by EPA nationwide and the industry has actively looked for other alternatives. Peter provided some background information concerning using steam. Karl Welke also provided some information from an FDA website concerning using EO and Steam.

• Leslie highlighted that Sterigenics took voluntary action for adding controls and the facility is one of the first nationwide to do this.

• Gordon Miller discussed how EO is used in other processes and how it may play a role in the future.

• Brian Magi asked if the two sources are permitted for EO? Aaron Matijow stated that Sterigenics is permitted to for its EO emissions and Atrium Health is permitted as part of its VOC emissions along with other combustion sources.

• Gordon stated that EO is an air toxic in NC.

• Karl provided some examples of products that EO is used to sterilize in the hospital.

[Written handout: Ethylene oxide overview_November2021 (presentation)]

D. FY2023 Budget Priority Discussion

Chair McGrath led a discussion on the FY2023 budget priorities. An email was sent to AQC members asking for the Commission to provide top funding priorities as they relate to the work and responsibilities of the Air Quality Commission, a link to the funding priorities survey was included. Chair McGrath asked the AQC members if anyone had completed the survey on their own before he polled members of the commission to see what priorities the members would like to see submitted as the priorities of the AQC. The AQC members submitted the following priorities for consideration:

• Peter McGrath
  1. The process of getting the County to Net Zero Carbon Emissions by the 2030 goal continues to be fully funded.
  2. Education and outreach programs of both mobile sources and permitted sources continue to be fully funded as requested by MCAQ.

• Marcus Hackler
  1. Projects concerning EV infrastructure.
  2. Projects that promote neighborhood walk-ability and connectivity.
  3. Outreach or incentives for low emission means & methods.
• Brian Magi
  1. Continued investment in EV infrastructure.
• Gordon Miller
  1. Keeping us as a local implementation plan. Would like to continue with our permitting and monitoring program as a local program.
  2. Transportation options- walk availability & connectivity
• Karl Welke
  1. Transportation -encouraging cycling.
  2. Considering how to encourage home emissions
• Lisa Hooker
  1. Goals for 2030 will be top concern
• Rosa Mustafa
  1. Environmental Justice focus
  2. Electric equipment for lawn care (commercial/private company) work under 2030 plan to reduce emissions.
• Billy Powers
  1. Walk ability/cycling
  2. EV infrastructure
• Aaron Levy
  1. Agrees with priorities concerning 2030 plan and electrification
  2. Walk ability/Cycling -alternative transportation
• Janet Garner-Mullins
  1. Educational outreach be fully funded. The needs to be ongoing and improvement of the educational outreach process within the community.
  2. Environmental Justice funded within Mecklenburg County.
  3. 2040 plan- have there been any dialogue with Sustain Charlotte or Transportation Committee concerning some of their plans as it relates to the 2040 plan?

Chair McGrath read off the top five priorities that will be submitted from the AQC and a motion was made to submit the five categories of priorities to the BOCC as the work of the AQC.

Action Taken:
Motion: A motion was made for Chair McGrath to submit the five categories of priorities to the BOCC as the work of the AQC.
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 will complete the survey questionnaire on behalf of the AQC.
E. Ozone Season Update
Danielle provided the AQC members with the final ozone season update. For the 2021 ozone season there have been one ozone exceedance day in Mecklenburg County and two in the region. The current ozone compliance value for 2021 is 66 ppb, dropping 1 ppb from the 2020 ozone compliance value of 67 ppb.

F. Updates on Colonial Pipeline and New Indy

Colonial Pipeline Update
Leslie provided an update on the Colonial Pipeline spill. The AQC members were reminded that MCAQ required the remediation process to go through air quality permitting. This has resulted in additional controls at the site. Based on an application that has been received from Colonial there are more controls that are planned and this is good news. MCAQ issued the remediation site’s first permit in October, which included modeling to demonstrate compliance with the NC air toxic rules. This month staff has issued a letter to Colonial adjusting the limits within that permit based on modeling. This action was necessary to allow remediation activities to continue through the end of the year. MCAQ staff is currently reviewing the permit modification application for equipment at the site to further reduce air emissions from their truck loading process. Leslie provided the AQC members with an air monitoring update stating that the second set of data has come in since the initial evaluation and data shows that air pollution concentrations are trending downward.

New Indy Update
Leslie updated the AQC members on the New Indy odor complaints sharing that the EPA’s order of substantial endangerment to public health welfare was set to end in October and has been extended until the end of the year. The odor issues occurring into South Charlotte from the South Carolina plant are largely being reported by NC residents directly to SCDHEC. MCAQ staff are reaching out to SCDHEC on a regular basis to receive a report on the number of residents from NC that are complaining about the odor. An update was also provided on the air monitoring data located in NC that is showing values well below the applicable health risk standard.

5. Next Meeting
The AQC members discussed whether to keep or cancel the December 20th AQC meeting. A motion was made to cancel the December 20th AQC meeting. However, a public meeting will still be scheduled for this day to open comment on any permit actions.

Action Taken
Motion: A motion was made to cancel the December 20th AQC meeting.
Made: The motion was made by Gordon Miller and seconded by Marcus Hackler.

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

The next meeting is scheduled for January 24, 2022. Chair McGrath will let the AQC members know early January if the meeting will be held virtual or in-person.

6. 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.