



MECKLENBURG COUNTY

- Air Quality Commission -

Monday, September 27, 2021, 11:30 a.m.

WebEx (Online or App):

<https://mecknc.webex.com/mecknc/j.php?MTID=m8597396d50bb7ad9b151cd96a2fd9bd0>

Phone: : +1-408-418-9388; Access code: 2349 019 5871

AGENDA

1. Call to Order
2. Approval of Minutes
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 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.

Facility Name	Facility Address	Action Type
Huntersville NC Remediation Site	SR 2448, Huntersville, NC 28078	Open Public Comment
Sam's Xpress Car Wash #339	13701 Mallard Creek Rd, Charlotte, NC 28262	Open Public Comment
Sam's Xpress Car Wash #345	13116 Albemarle Rd, Charlotte, NC 28227	Open Public Comment
Trane U.S., Inc.	4500 Morris Field Drive, Charlotte, NC 28208	Alternative Notice
Vulcan Construction Materials, LLC - Clear Creek	11435 Brooks Mill Road, Charlotte, NC, 28227	Information Only

See the “Review of Air Quality Permits” for additional information about the permits above.

B. General Comments to the Commission

At this time, members of the public are invited to provide comments relative to the function of the AQC as specified in the Charter. The amount of time allowed is at the discretion of the chairman.

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

Action Required: AQC Recommend BOCC Adoption of MCAPCO Revisions

Jason Rayfield, Permitting Manager, will present a summary of any public comments received and answer questions from the AQC.

5. Updates and Presentations

Action Required: None, information only

A. Announcements

Peter McGrath, Chair
AQC Members
AQ Staff

B. GRADE Call for Projects

Megan Green, Program Manager
Sheldon Turner, Env. Specialist II

C. Colonial Pipeline Spill Update

Leslie Rhodes, Director

D. Ozone Update

Danielle Jones, Program Manager

6. Next Meeting

7. Adjournment

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.



REVIEW OF AIR QUALITY PERMITS ON THE MECKLENBURG COUNTY AIR QUALITY COMMISSION AGENDA

The applicants listed below have submitted applications to receive Air Quality Permits to Construct/Operate.

Public Notice of Intent to Issue/Modify

This notice opens a 15 or 30 day public comment period. These permits are placed on the Commission Agenda to open the specified public comment period, per MCAPCO Regulations 1.5213 – “Action on Application; Issuance of Permit,” Part (c)(1)(A).

Facility Name	Facility Address	Facility Type	Public Comment Closing Date
Huntersville NC Remediation Site	SR 2448, Huntersville, NC 28078	Minor	October 12, 2021
Sam's Xpress Car Wash #339	13701 Mallard Creek Rd, Charlotte, NC 28262	Gasoline Dispensing	October 12, 2021
Sam's Xpress Car Wash #345	13116 Albemarle Rd, Charlotte, NC 28227	Gasoline Dispensing	October 12, 2021

Alternative Public Notice

These permits have opened the public comment period by advertisement in The Charlotte Observer per MCAPCO 1.5213 (c)(1)(B) – “Action on Application; Issuance of Permit” or MCAPCO 1.5521 – “Public Participation.” Public comment on the proposed permit action(s) will be received for 15 or 30 days after the date the notice is published, including during any Commission meeting held during the public comment period.

Facility Name	Facility Address	Facility Type	Public Comment Closing Date
Trane U.S., Inc.	4500 Morris Field Drive, Charlotte, NC 28208	Minor	September 20, 2021

Information Only

These permits do not result in an emission increase and by regulation are not required to have a public comment period. These permits are placed on the Commission Agenda for information only, per MCAPCO Regulations 1.5213 – “Action on Application; Issuance of Permit,” Subparagraph (c)(2), and 1.5521 – “Public Participation” for Title V facilities. A public hearing is available, at the discretion of the Director, as prescribed in MCAPCO Regulation 1.5213 Paragraph (f).

Facility Name	Facility Address	Facility Type
Vulcan Construction Materials, LLC - Clear Creek	11435 Brooks Mill Road, Charlotte, NC, 28227	Minor

Opportunity for Public Comment

Mecklenburg County Air Quality will consider comments made at the Air Quality Commission meeting and written comments received before the Public Comment Closing Date listed above. Written comments should be mailed or emailed to:

Leslie H. Rhodes, Director
Mecklenburg County Air Quality
2145 Suttle Avenue
Charlotte, NC 28208

Leslie.Rhodes@MecklenburgCountyNC.gov

Inclusion on the AQC agenda does not imply or infer any action or opinion by the AQC or its members regarding any permit.

Mecklenburg County Air Quality

PERMIT APPLICATION REVIEW SUMMARY

Section A: FACILITY INFORMATION		Existing	New	X
Company Name (Legal Corporate Name)	Colonial Pipeline Company			
Site Name (If Different From Above)	Huntersville Remediation Site			
Site Address (Street, City, Zip Code)	SR 2448, Huntersville, NC 28078			
General Description of Business	Soil and Groundwater Remediation			
Facility AQ Classification(s)	C	Site Consistent w/ Zoning? (Y/N)		

Section B: APPLICATION INFORMATION		Modified	New	X
Date of Application	5/13/2021	Application Tracking Number	2021-AQ-53711	
Date Complete Application Received	8/13/2021	AQC Date/Public Comment Opens	9/27/2021	
Confidentiality Requested?	No	AQC Agenda Type: Notice, Alternate, FYI	Notice	
Application Results: Brief description of actions requested by application and/or taken by MCAQ.	Colonial Pipeline Company is conducting remedial activities at the site of the recently discovered gasoline release. Emission sources include soil vapor extraction wells and frac tanks with thermal oxidizer control devices, and truck transfer/loading operations.			
Permit Issued as a Result of Application – Number:	21-035-273			
Permit Voided as a Result of Application – Number:	NA			

Section C: REGULATORY INFORMATION	
MCAPCO Regulations Applicable: List only specific conditions and/or regulations cited in permit issued. Indicate subpart for regulations 2.0524, 2.1110 & 2.1111.	2.0948 - VOC Emissions From Transfer Operations 2.1104 - Toxic Air Pollutant Guidelines
HAPs >10tpy, Potential Emissions: facility-wide	None
TAPs Modeled: this application	Benzene

Section D: FACILITY- WIDE EMISSIONS INFORMATION					
AIR POLLUTANTS	Calculated Actual Emissions (tons/year) with control				
	Existing	New	Total	# Change + / (-)	% Change + / (-)
Particulate Matter < 10 microns - PM-10					
Particulate Matter < 2.5 microns – PM2.5					
Sulfur Dioxide - SO ₂					
Nitrogen Oxides - NO _x					
Carbon Monoxide - CO					
Volatile Organic Compounds - VOC	0	5.42	5.42	+5.42	+100%
All Hazardous Air Pollutants - HAPs					

AQ Specialist Signature: Donna Cavaliere Date Completed: 9/16/2021
 Supervisor Signature: Aaron Matijow Date Approved: 9/17/2021

Mecklenburg County Air Quality

PERMIT APPLICATION REVIEW SUMMARY

Section A: FACILITY INFORMATION		Existing		New	X
Company Name (Legal Corporate Name)	SXCW Properties II, LLC				
Site Name (If Different From Above)	Sam's Xpress Car Wash #339				
Site Address (Street, City, Zip Code)	13701 Mallard Creek Rd, Charlotte, NC 28262				
General Description of Business	Gasoline station with Convenience store				
Facility AQ Classification(s)	Stage 1	Site Consistent with Zoning? (Y/N)		Y	

Section B: APPLICATION INFORMATION		Modified		New	X
Date of Application	8/23/2021	Application Tracking Number		2021-AQ-54178	
Date Complete Application Received	08/30/2021	AQO Date/Public Comment Opens		9/27/2021	
Confidentiality Requested?	No	AQO Agenda Type: Notice, Alternate, FYI		Notice	
Application Results: Brief description of actions requested by application and/or taken by MCAQ.	New gasoline dispensing facility with Stage 1 controls. Facility is installing 3 new gasoline underground storage tanks.				
Permit Issued as a Result of Application – Number:	21-051-315				
Permit Voided as a Result of Application – Number:	N/A				

Section C: REGULATORY INFORMATION	
MCAPCO Regulations Applicable: List only specific conditions and/or regulations cited in permit issued. Indicate subpart for regulations 2.0524, 2.1110 & 2.1111.	2.0928 – “Gasoline Service Stations Stage I” 2.1111 “Maximum Achievable Control Technology”, 40 CFR Part 63, Subpart CCCCCC – “NESHAP...Gasoline Dispensing Facilities”
HAPs > 10tpy, Potential Emissions: facility-wide	None
TAPs Modeled: this application	None

Section D: FACILITY- WIDE EMISSIONS INFORMATION					
AIR POLLUTANTS	Calculated Actual Emissions (tons/year) with control				
	Existing	New	Total	# Change + / (-)	% Change + / (-)
Particulate Matter < 10 microns - PM-10					
Particulate Matter < 2.5 microns – PM2.5					
Sulfur Dioxide - SO ₂					
Nitrogen Oxides - NO _x					
Carbon Monoxide - CO					
Volatile Organic Compounds - VOC	0.0	15.6	15.6	+15.6	+100%
All Hazardous Air Pollutants - HAPs					

AQ Specialist: Bryan Gabriel Date Completed: 9/07/2021
 Supervisor: Chuck Greco Date Approved: 9/13/2021

Mecklenburg County Air Quality

PERMIT APPLICATION REVIEW SUMMARY

Section A: FACILITY INFORMATION		Existing		New	X
Company Name (Legal Corporate Name)	SXCW Properties II, LLC				
Site Name (If Different From Above)	Sam's Xpress Car Wash #345				
Site Address (Street, City, Zip Code)	13116 Albemarle Rd, Charlotte, NC 28227				
General Description of Business	Gasoline station with Convenience store				
Facility AQ Classification(s)	Stage 1	Site Consistent with Zoning? (Y/N)		Y	

Section B: APPLICATION INFORMATION		Modified		New	X
Date of Application	8/23/2021	Application Tracking Number		2021-AQ-54207	
Date Complete Application Received	09/03/2021	AQO Date/Public Comment Opens		9/27/2021	
Confidentiality Requested?	No	AQO Agenda Type: Notice, Alternate, FYI		Notice	
Application Results: Brief description of actions requested by application and/or taken by MCAQ.	New gasoline dispensing facility with Stage 1 controls. Facility is installing 3 new gasoline underground storage tanks.				
Permit Issued as a Result of Application – Number:	21-052-316				
Permit Voided as a Result of Application – Number:	N/A				

Section C: REGULATORY INFORMATION	
MCAPCO Regulations Applicable: List only specific conditions and/or regulations cited in permit issued. Indicate subpart for regulations 2.0524, 2.1110 & 2.1111.	2.0928 – “Gasoline Service Stations Stage I” 2.1111 “Maximum Achievable Control Technology”, 40 CFR Part 63, Subpart CCCCCC – “NESHAP...Gasoline Dispensing Facilities”
HAPs > 10tpy, Potential Emissions: facility-wide	None
TAPs Modeled: this application	None

Section D: FACILITY- WIDE EMISSIONS INFORMATION					
AIR POLLUTANTS	Calculated Actual Emissions (tons/year) with control				
	Existing	New	Total	# Change + / (-)	% Change + / (-)
Particulate Matter < 10 microns - PM-10					
Particulate Matter < 2.5 microns – PM2.5					
Sulfur Dioxide - SO ₂					
Nitrogen Oxides - NO _x					
Carbon Monoxide - CO					
Volatile Organic Compounds - VOC	0.0	15.6	15.6	+15.6	+100%
All Hazardous Air Pollutants - HAPs					

AQ Specialist: Bryan Gabriel Date Completed: 9/08/2021
 Supervisor: Chuck Greco Date Approved: 9/13/2021

Mecklenburg County Air Quality

PERMIT APPLICATION REVIEW SUMMARY

Section A: FACILITY INFORMATION		Existing	X	New	
Company Name (Legal Corporate Name)	Trane U.S., Inc.				
Site Name (If Different From Above)					
Site Address (Street, City, Zip Code)	4500 Morris Field Drive, Charlotte, NC 28208				
General Description of Business	Air conditioning compressor and motor remanufacturing				
Facility AQ Classification(s)	C	Site Consistent w/ Zoning? (Y/N)		NA	

Section B: APPLICATION INFORMATION		Modified		New	X
Date of Application	8/16/2021	Application Tracking Number	2021-AQ-54184		
Date Complete Application Received	8/18/2021	AQC Date/Public Comment Opens	Upon newspaper publication, also AQC on 9/27/2021		
Confidentiality Requested?	No	AQC Agenda Type: Notice, Alternate, FYI	Alternative		
Application Results: Brief description of actions requested by application and/or taken by MCAQ.	<ul style="list-style-type: none"> The facility will be adding a TOS Grinder (ES-15) and a Vacuum Pressure Impregnation system (ES-16) for the manufacture of rotors and stators. For the machining process (ES-14), one lathe replaced and emissions reviewed. Updating ES-2, ES-3, and ES-7 description. Adding new insignificant equipment to Appendix B. 				
Permit Issued as a Result of Application – Number:	21-048-057				
Permit Voided as a Result of Application – Number:	19-028-057				

Section C: REGULATORY INFORMATION	
MCAPCO Regulations Applicable: List only <u>specific</u> conditions and/or regulations cited in permit issued. Indicate subpart for regulations 2.0524, 2.1110 & 2.1111.	2.0958 – Work Practices for Sources of Volatile Organic Compounds
HAPs >10tpy, Potential Emissions: facility-wide	None
TAPs Modeled: this application	None

Section D: FACILITY- WIDE EMISSIONS INFORMATION					
AIR POLLUTANTS	Calculated Actual Emissions (tons/year)				
	with control				
	Existing	New	Total	# Change + / (-)	% Change + / (-)
Particulate Matter < 10 microns - PM-10	0.06	0	0.06	0	0%
Particulate Matter < 2.5 microns – PM2.5	0.06	0	0.06	0	0%
Sulfur Dioxide - SO ₂					
Nitrogen Oxides - NO _x					
Carbon Monoxide - CO					
Volatile Organic Compounds - VOC	0.73	0.69	1.42	+0.69	+95%
All Hazardous Air Pollutants - HAPs					

AQ Specialist Signature: Cecilia Tierney Date Completed: 8/26/2021

Supervisor Signature: Chuck Greco Date Approved: 8/31/2021

Mecklenburg County Air Quality PERMIT APPLICATION REVIEW SUMMARY

Section A: FACILITY INFORMATION			Existing	X	New
Company Name (Legal Corporate Name)	Vulcan Construction Materials, LLC				
Site Name (If Different From Above)	Vulcan Construction Materials, LLC – Clear Creek Quarry				
Site Address (Street, City, Zip Code)	11435 Brooks Mill Road, Charlotte, NC, 28227				
General Description of Business	Non-metallic mineral processing plant (stone quarry)				
Facility AQ Classification(s)	B minor	Site Consistent w/ Zoning? (Y/N)		NA	

Section B: APPLICATION INFORMATION			Modified	New	X
Date of Application	7/16/2021	Application Tracking Number	2021-AQ-54238		
Date Complete Application Received	7/16/2021	AQC Date/Public Comment Opens	9/27/21		
Confidentiality Requested?	No	AQC Agenda Type: Notice, Alternate, FYI	FYI		
Application Results: Brief description of actions requested by application and/or taken by MCAQ.	<ul style="list-style-type: none"> • Replace Omnicone 1560 crusher CR-2 with a 700 tph Nordberg HP-400 cone crusher • Like for like replacement of S-1 a 7' x 16' screening unit 				
Permit Issued as a Result of Application – Number:	NA				
Permit Voided as a Result of Application – Number:	NA				

Section C: REGULATORY INFORMATION	
MCAPCO Regulations Applicable: List only <u>specific</u> conditions and/or regulations cited in permit issued. Indicate subpart for regulations 2.0524, 2.1110 & 2.1111.	MCAPCO Regulations 1.5211 – “Applicability”, allowing operational flexibility 2.0510 – “Particulates from Sand, Gravel, or Crushed Stone Operations” 2.0524 – “New Source Performance Standards” (Subpart OOO)
HAPs >10tpy, Potential Emissions: facility-wide	None
TAPs Modeled: this application	None

Section D: FACILITY- WIDE EMISSIONS INFORMATION					
AIR POLLUTANTS	Calculated Actual Emissions (tons/year) with control				
	Existing	New	Total	# Change + / (-)	% Change + / (-)
Particulate Matter < 10 microns - PM-10	1.98	0.14	2.12	+0.14	+7%
Particulate Matter < 2.5 microns – PM2.5					
Sulfur Dioxide - SO ₂					
Nitrogen Oxides - NO _x					
Carbon Monoxide - CO					
Volatile Organic Compounds - VOC					
All Hazardous Air Pollutants - HAPs					

AQ Specialist Signature: Cecilia Tierney Date Completed: 9/3/2021
Supervisor Signature: Chuck Greco Date Approved: 9/17/2021