



ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

MICHAEL A. ABRACZINSKAS
Director

June 4, 2018

Mr. George Ratchford
Vice President - Gas Operations
Public Service Company of NC
PO Box 1398
800 Gaston Road, Building A
Gastonia, NC 28056

Subject: Air Permit No. 10562R00
Public Service Company of NC, Mill Spring Compressor, Silver Creek Road
Mill Spring, Polk County, North Carolina
Permit Class: Small
Facility ID# 7500100

Dear Mr. Ratchford:

In accordance with your completed application received April 11, 2018, we are forwarding herewith Permit No. 10562R00 to Public Service Company of NC, Mill Spring Compressor, Silver Creek Road, Polk County, North Carolina for the construction and operation of air emissions sources or air cleaning devices and appurtenances. Additionally, any emissions activities determined from your air permit application as meeting the exemption requirements contained in 15A NCAC 2Q .0102 have been listed for information purposes as an "ATTACHMENT" to the enclosed air permit. Please note the records retention requirements are contained in General Condition 2 of the General Conditions and Limitations.

If any parts, requirements, or limitations contained in this permit are unacceptable to you, you have the right to request a formal adjudicatory hearing within 30 days following receipt of this permit, identifying the specific issues to be contested. Such a request will stay the effectiveness of the entire permit. This hearing request must be in the form of a written petition, conforming to G.S. 150B-23 of the North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. The form for requesting a formal adjudicatory hearing may be obtained upon request from the Office of Administrative Hearings. Unless a request for a hearing is made pursuant to G.S. 150B-23, this air permit shall be final and binding.

You may request modification of your air permit through informal means pursuant to G.S. 150B-22. This request must be submitted in writing to the Director and must identify the specific provisions or issues for which the modification is sought. Please note that the permit will become final and binding regardless of a request for informal modification unless a request for a hearing is also made under G.S. 150B-23.

Mr. George Ratchford

June 4, 2018

Page 2

Unless exempted by a condition of this permit or the regulations, construction of new air pollution sources or air cleaning devices, or modifications to the sources or air cleaning devices described in this permit must be covered under a permit issued by the Division of Air Quality prior to construction. Failure to do so is a violation of G.S. 143-215.108 and may subject the Permittee to civil or criminal penalties as described in G.S. 143-215.114A and 143-215.114B.

This permit shall be effective from June 4, 2018 until May 31, 2026, is nontransferable to future owners and operators, and shall be subject to the conditions and limitations as specified therein.

The Permittee is responsible for carefully reading the entire permit and evaluating the requirements of each permit stipulation. The Permittee shall comply with all terms, conditions, requirements, limitations and restrictions set forth in this permit. Noncompliance with any permit condition is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application. Should you have any questions concerning this matter, please contact Patrick Ballard at 828-296-4500.

Sincerely,



Brendan G. Davey, P.E., Regional Supervisor
Division of Air Quality, NC DEQ

BGD:pyb
Enclosures

c: Asheville Regional Office

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF AIR QUALITY

AIR PERMIT NO. 10562R00

Issue Date: June 4, 2018

Effective Date: June 4, 2018

Expiration Date: May 31, 2026

Replaces Permit: (new)

To construct and operate air emission source(s) and/or air cleaning device(s), and for the discharge of the associated air contaminants into the atmosphere in accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina (NCGS) as amended, and other applicable Laws, Rules and Regulations,

Public Service Company of NC, Mill Spring Compressor, Silver Creek Road
823 Silver Creek Road
Mill Spring, Polk County, North Carolina
Permit Class: Small
Facility ID# 7500100

(the Permittee) is hereby authorized to construct and operate the air emissions sources and/or air cleaning devices and appurtenances described below:

Emission Source ID	Emission Source Description	Control System ID	Control System Description
ES-1 (NSPS) ES-2 (NSPS) ES-3 (NSPS)	three natural gas-fired compressor turbine sets (51.52 million Btu per hour heat input and 6,091 horsepower output, each) equipped with SoLoNOx technology	N/A	N/A
ES-4	twelve natural gas-fired catalytic heaters (0.06 MMBtu/hr, each)	N/A	N/A
ES-5	two natural gas-fired fuel gas heaters (0.77 MMBtu/hr, each)	N/A	N/A
ES-6	one condensate tank (1000-gallon capacity)	N/A	N/A

in accordance with the completed application 7500100.17A received April 11, 2018 including any plans, specifications, previous applications, and other supporting data, all of which are filed with the Department of Environmental Quality, Division of Air Quality (DAQ) and are incorporated as part of this permit.

This permit is subject to the following specified conditions and limitations including any TESTING, REPORTING, OR MONITORING REQUIREMENTS:

A. SPECIFIC CONDITIONS AND LIMITATIONS

1. Any air emission sources or control devices authorized to construct and operate above must be operated and maintained in accordance with the provisions contained herein. The Permittee shall comply with applicable Environmental Management Commission Regulations, including Title 15A North Carolina Administrative Code (NCAC), Subchapter 2D .0202, 2D .0516, 2D .0521, 2D .0524 (40 CFR 60, Subpart KKKK -- Standards of Performance for Stationary Combustion Turbines), 2D .0535, 2D .0540, 2D .0605, 2D .0611, 2D .1100, 2D .1806, 2Q .0102 and 2Q .0711.
2. PERMIT RENEWAL AND EMISSION INVENTORY REQUIREMENT - The Permittee, at least 90 days prior to the expiration date of this permit, shall request permit renewal by letter in accordance with 15A NCAC 2Q .0304(d) and (f). Pursuant to 15A NCAC 2Q .0203(i), no permit application fee is required for renewal of an existing air permit (without a modification request). The renewal request (with AA application form) should be submitted to the Regional Supervisor, DAQ. Also, at least 90 days prior to the expiration date of this permit, the Permittee shall submit the air pollution emission inventory report (with Certification Sheet) in accordance with 15A NCAC 2D .0202, pursuant to N.C. General Statute 143 215.65. The report shall be submitted to the Regional Supervisor, DAQ and shall document air pollutants emitted for the 2024 calendar year.
3. SULFUR DIOXIDE CONTROL REQUIREMENT - As required by 15A NCAC 2D .0516 "Sulfur Dioxide Emissions from Combustion Sources," sulfur dioxide emissions from the catalytic heaters (ID No. ES-4) and fuel gas heaters (ID No. ES-5) shall not exceed 2.3 pounds per million Btu heat input.
4. VISIBLE EMISSIONS CONTROL REQUIREMENT - As required by 15A NCAC 2D .0521 "Control of Visible Emissions," visible emissions from the emission sources, manufactured after July 1, 1971, shall not be more than 20 percent opacity when averaged over a six-minute period, except that six-minute periods averaging not more than 87 percent opacity may occur not more than once in any hour nor more than four times in any 24-hour period. However, sources which must comply with a visible emissions standard in 15A NCAC 2D .0524 "New Source Performance Standards" or .1110 "National Emission Standards for Hazardous Air Pollutants" shall meet that standard instead of the 2D .0521 visible emissions standard.
5. 15A NCAC 2D .0524; "NEW SOURCE PERFORMANCE STANDARDS" - For the natural gas-fired combustion turbines (ID Nos. ES-1, ES-2 and ES-3), the Permittee shall comply with all applicable provisions, including the requirements for emission standards, notification, testing, reporting, recordkeeping, and monitoring, contained in Environmental Management Commission Standard 15A NCAC 2D .0524 "New Source Performance Standards (NSPS)" as promulgated in 40 CFR Part 60, Subpart KKKK, including Subpart A "General Provisions."

- a. Emission Standards - In accordance with 40 CFR 60.4320 and 60.4330, the Permittee shall comply with the following emission standards:

Affected Sources	Pollutant	Emission Limit
natural gas-fired combustion turbines (ID Nos. ES-1 ES-2 and ES-3)	NO _x	25 ppm at 15 percent oxygen or 150 ng/J of useful output (1.2 lb/MWh)
	SO ₂	natural gas shall not contain in excess of 20 grains of sulfur per 100 standard cubic feet and have potential emissions less than 0.060 pounds SO ₂ per million Btu heat input

- b. Monitoring Requirements for NO_x - To ensure compliance with the NO_x emission limits, the Permittee shall use a parametric emissions monitoring system per 40 CFR 60.4340(b)(2)(ii). The Permittee shall monitor each combustion turbine to ensure the low-NO_x combustion mode is operating properly by monitoring the combustion flame temperature and the pilot fuel level as recommended by the turbine manufacturer. In accordance with 40 CFR 60.4355, the Permittee shall develop and keep on-site a parameter monitoring plan which explains the procedures used to document proper operation of the NO_x emission controls. The plan must:
- i. Include the indicators to be monitored and show there is a significant relationship to emissions and proper operation of the NO_x emission controls,
 - ii. Pick ranges (or designated conditions) of the indicators, or describe the process by which such range (or designated condition) will be established,
 - iii. Explain the process used to make certain that data obtained are representative of the emissions or parameters being monitored (such as detector location, installation specification if applicable),
 - iv. Describe quality assurance and control practices that are adequate to ensure the continuing validity of the data,
 - v. Describe the frequency of monitoring and the data collection procedures which will be used, and
 - vi. Submit justification for the proposed elements of the monitoring. If a proposed performance specification differs from manufacturer recommendations, provide an explanation for the differences. Submit the data supporting the justification. Engineering assessments and other data may be provided or explain why performance testing is unnecessary to establish indicator ranges. When establishing indicator ranges, simplifying the process by treating the parameters as if they were correlated may be used. Using this assumption, testing can be divided into two cases:

- A. All indicators are significant only on one end of range (e.g., for a thermal incinerator controlling volatile organic compounds (VOC) it is only important to insure a minimum temperature, not a maximum). In this case, conduct a study so that each parameter is at the significant limit of its range while conducting emissions testing. If the emissions tests show that the source is in compliance at the significant limit of each parameter, then as long as each parameter is within its limit, compliance is presumed.
- B. Some or all indicators are significant on both ends of the range. In this case, conduct a study so that each parameter that is significant at both ends of its range assumes its extreme values in all possible combinations of the extreme values (either single or double) of all of the other parameters. For example, if there were only two parameters, A and B, and A had a range of values while B had only a minimum value, the combinations would be A high with B minimum and A low with B minimum. If both A and B had a range, the combinations would be A high and B high, A low and B low, A high and B low, A low and B high. For the case of four parameters all having a range, there are 16 possible combinations.
- c. Monitoring Requirements for Sulfur Dioxide - In accordance with 40 CFR 60.4365, to ensure compliance with the sulfur dioxide emission limits, the fuel quality characteristics in a current, valid purchase contract, tariff sheet, or transportation contract for the fuel shall be used to verify that the maximum sulfur content is 20 grains of sulfur per 100 standard cubic feet for the natural gas combusted in the turbines.
- d. Performance Testing - As required by 40 CFR 60.4400, the following initial performance tests shall be conducted:

Affected Sources	NOx Emissions Limit	Test Method
natural gas-fired combustion turbines (ID Nos. ES-1, ES-2 and ES-3)	25 ppm at 15% O ₂ or 150 ng/J of useful output (1.2 lb/MWh)	Method 7E or Method 20

- i. All performance tests shall be conducted in accordance with EPA Reference Methods, contained in 40 CFR 60, Appendix A.
- ii. The permittee shall monitor combustion parameters indicative of proper operation of NOx emission controls in accordance with 40 CFR 60.4340. The permittee shall continuously monitor and record during each run of the initial performance test the appropriate parameters to establish acceptable operating ranges.

- iii. The EPA Administrator retains the exclusive right to approve equivalent and alternative test methods, continuous monitoring procedures, and reporting requirements.
 - iv. Within 60 days after achieving the maximum production rate at which the equipment will be operated, but not later than 180 days after the initial start-up of the equipment, the Permittee shall conduct the required performance test(s) and submit two copies of a written report of the test(s) to the Regional Supervisor, DAQ.
 - v. The Permittee shall be responsible for ensuring, within the limits of practicality, that the equipment or process being tested is operated at or near its maximum normal production rate or at a lesser rate if specified by the Director or his delegate.
 - vi. All associated testing costs are the responsibility of the Permittee.
 - vii. At least 45 days prior to performing any required emissions testing, the Permittee must submit two copies of a testing protocol to the Regional Supervisor, DAQ for review and approval. All testing protocols must be approved by the DAQ prior to performing tests.
 - viii. To afford the Regional Supervisor, DAQ, the opportunity to have an observer present, the Permittee shall PROVIDE the Regional Office, in WRITING, at least 15 days notice of any required performance test(s).
- e. Reporting Requirements - In addition to any other notification requirements to the Environmental Protection Agency (EPA), the Permittee is required to NOTIFY the Regional Supervisor, DAQ, in WRITING, of the following:
- i. The actual date of initial start-up of an affected source, postmarked within 15 days after such date.
 - ii. In accordance with 40 CFR 60.4375(a) and 60.4395, for each combustion turbine (ID Nos. ES-1, ES-2 and ES-3), the Permittee shall submit semi-annual (postmarked by January 30 and July 30 of each year) reports of excess emissions and monitor downtime in accordance with 40 CFR 60.7(c). The Permittee shall report excess emissions for all periods of operation, including start-up, shutdown, and malfunction.
 - A. When each combustion turbine (ID Nos. ES-1, ES-2 and ES-3) is required to monitor combustion parameters or parameters that document proper operation of the NOx emission controls, an excess emission shall be defined as a 4-hour rolling unit operating hour average in which any monitored parameter does not achieve the target value or is outside the acceptable range defined in the parameter monitoring plan for the unit.

B. When each combustion turbine (ID Nos. ES-1, ES-2 and ES-3) is required to monitor combustion parameters or parameters that document proper operation of the NOx emission controls, a period of monitor downtime shall be defined as a unit operating hour in which any of the required parametric data are either not recorded or are invalid.

6. NOTIFICATION REQUIREMENT - As required by 15A NCAC 2D .0535, the Permittee of a source of excess emissions that last for more than four hours and that results from a malfunction, a breakdown of process or control equipment or any other abnormal conditions, shall:

- a. Notify the Director or his designee of any such occurrence by 9:00 a.m. Eastern time of the Division's next business day of becoming aware of the occurrence and describe:
 - i. the name and location of the facility,
 - ii. the nature and cause of the malfunction or breakdown,
 - iii. the time when the malfunction or breakdown is first observed,
 - iv. the expected duration, and
 - v. an estimated rate of emissions.
- b. Notify the Director or his designee immediately when the corrective measures have been accomplished.

This reporting requirement does not allow the operation of the facility in excess of Environmental Management Commission Regulations.

7. FUGITIVE DUST CONTROL REQUIREMENT - As required by 15A NCAC 2D .0540 "Particulates from Fugitive Dust Emission Sources," the Permittee shall not cause or allow fugitive dust emissions to cause or contribute to substantive complaints or excess visible emissions beyond the property boundary. If substantive complaints are received or excessive fugitive dust emissions from the facility are observed beyond the property boundaries for six minutes in any one hour (using Reference Method 22 in 40 CFR, Appendix A), the owner or operator may be required to submit a fugitive dust plan as described in 2D .0540(f).

"Fugitive dust emissions" means particulate matter that does not pass through a process stack or vent and that is generated within plant property boundaries from activities such as: unloading and loading areas, process areas stockpiles, stock pile working, plant parking lots, and plant roads (including access roads and haul roads).

8. TESTING REQUIREMENT - Under the provisions of North Carolina General Statute 143-215.108 and in accordance with 15A NCAC 2D .0605, the Permittee shall demonstrate compliance with the emission limit(s) by testing the emission source(s) for the specified pollutant(s) as follows:

Affected Sources	NOx Emissions Limit	Test Method
natural gas-fired combustion turbines (ID Nos. ES-1, ES-2 and ES-3)	25 ppm at 15% O ₂ or 150 ng/J of useful output (1.2 lb/MWh)	Method 7E or Method 20

- a. The Permittee shall arrange for air emission testing protocols to be provided to the DAQ prior to testing. Testing protocols are not required to be pre-approved by the DAQ prior to testing. The DAQ shall review testing protocols for pre-approval prior to testing if requested by the Permittee at least 45 days before conducting the test.
 - b. To afford the Regional Supervisor, DAQ, the opportunity to have an observer present, the Permittee shall PROVIDE the Regional Office, in WRITING, at least 15 days notice of any required performance test(s).
 - c. Two copies of the test results must be submitted to the Regional Supervisor, DAQ, in accordance with the approved procedures of the Environmental Management Commission by **December 31, 2022**. This test is in addition to the testing required in Specific Condition No. 5, above, and shall not be conducted before June 30, 2022.
 - d. This permit may be revoked, with proper notice to the Permittee, or enforcement procedures initiated, if the results of the test(s) indicate that the facility does not meet applicable limitations.
 - e. The source shall be responsible for ensuring, within the limits of practicality, that the equipment or process being tested is operated at or near its maximum normal production rate, or at a lesser rate if specified by the Director or his delegate.
 - f. All associated testing costs are the responsibility of the Permittee.
9. NO_x REDUCTION TECHNOLOGY REQUIREMENTS – As required by 15A NCAC 2D .0611, the Permittee shall operate and maintain the SoLoNO_x nitrogen oxides reduction technology for the three natural gas-fired compressor turbines (ID Nos. ES-1, ES-2, and ES-3) in a manner consistent with the equipment manufacturer’s recommendations. In addition, the Permittee shall perform periodic inspections and maintenance as recommended by the equipment manufacturer regarding the SoLoNO_x nitrogen oxides reduction technology. The results of all inspections, maintenance, and any variance from manufacturer's recommendations shall be investigated with corrections made and dates of actions recorded in a logbook. The logbook (in written or electronic format) shall be kept on-site and made available to DAQ personnel upon request.
10. TOXIC AIR POLLUTANT EMISSIONS LIMITATION AND REPORTING REQUIREMENT - Pursuant to 15A NCAC 2D .1100 "Control of Toxic Air Pollutants," and in accordance with the approved application for an air toxic compliance demonstration, the following permit limits shall not be exceeded:

Affected Source(s)	Toxic Air Pollutant	Emission Limit
one natural gas-fired compressor turbine set (ES-1)	Benzene (71-43-2)	5.38 lb/yr
one natural gas-fired compressor turbine set (ES-2)	Benzene (71-43-2)	5.38 lb/yr
one natural gas-fired compressor turbine set (ES-3)	Benzene (71-43-2)	5.38 lb/yr
twelve natural gas-fired catalytic heaters (ES-4)	Benzene (71-43-2)	0.013 lb/yr
two natural gas-fired fuel gas heaters (ES-5)	Benzene (71-43-2)	0.028 lb/yr
one condensate tank (ES-6)	Benzene (71-43-2)	5.20 lb/yr
one natural gas-fired compressor turbine set (ES-1)	Formaldehyde (50-00-0)	0.0365 lb/hr
one natural gas-fired compressor turbine set (ES-2)	Formaldehyde (50-00-0)	0.0365 lb/hr
one natural gas-fired compressor turbine set (ES-3)	Formaldehyde (50-00-0)	0.0365 lb/hr
twelve natural gas-fired catalytic heaters (ES-4)	Formaldehyde (50-00-0)	0.00005 lb/hr
two natural gas-fired fuel gas heaters (ES-5)	Formaldehyde (50-00-0)	0.0001 lb/hr
one natural gas-fired compressor turbine set (ES-1)	Acrolein (107-02-8)	0.00033 lb/hr
one natural gas-fired compressor turbine set (ES-2)	Acrolein (107-02-8)	0.00033 lb/hr
one natural gas-fired compressor turbine set (ES-3)	Acrolein (107-02-8)	0.00033 lb/hr
twelve natural gas-fired catalytic heaters (ES-4)	Acrolein (107-02-8)	1.3x10 ⁻⁸ lb/hr
two natural gas-fired fuel gas heaters (ES-5)	Acrolein (107-02-8)	2.7x10 ⁻⁸ lb/hr

Compliance is established by the design limitations of the equipment. Modeled sources shall be installed and operated per approved modeling results.

11. CONTROL AND PROHIBITION OF ODOROUS EMISSIONS - As required by 15A NCAC 2D .1806 "Control and Prohibition of Odorous Emissions" the Permittee shall not operate the facility without implementing management practices or installing and operating odor control equipment sufficient to prevent odorous emissions from the facility from causing or contributing to objectionable odors beyond the facility's boundary.

12. Federal and Rules Applicable to Sources Exempted from Air Permitting Requirements -
Your facility is subject to the following federal and state rules:

40 CFR 60 - NSPS -- Subpart JJJJ -- Standards of Performance for Stationary Spark Ignition Internal Combustion Engines I-Em. Gen. - one natural-gas fired emergency generator (755 brake horsepower; 500KW)
40 CFR 63 - NESHAP/MACT -- Subpart ZZZZ -- Reciprocating Internal Combustion Engines I-Em. Gen. - one natural-gas fired emergency generator (755 brake horsepower; 500KW)
40 CFR 60 - NSPS -- Subpart OOOOa -- Standards of Performance for Crude Oil and Natural Gas Facilities for which construction, modification or reconstruction commenced after September 18, 2015 I-Fugitives - fugitive equipment leaks

which are applicable to the emission sources at your facility included on the "Insignificant/Exempt Activities" list attached to this permit. The purpose of this permit condition is to inform you of your compliance obligations to these applicable rules as they are enforceable.

13. TOXIC AIR POLLUTANT EMISSIONS LIMITATION REQUIREMENT - Pursuant to 15A NCAC 2Q .0711 "Emission Rates Requiring a Permit," for each of the below listed toxic air pollutants (TAPs), the Permittee has made a demonstration that facility-wide actual emissions, where one or more emission release points are obstructed or non-vertically oriented, do not exceed the Toxic Permit Emission Rates (TPERs) listed in 15A NCAC 2Q .0711(a). The facility shall be operated and maintained in such a manner that emissions of any listed TAPs from the facility, including fugitive emissions, will not exceed TPERs listed in 15A NCAC 2Q .0711(a).

- a. A permit to emit any of the below listed TAPs shall be required for this facility if actual emissions from all sources will become greater than the corresponding TPERs.
- b. PRIOR to exceeding any of these listed TPERs, the Permittee shall be responsible for obtaining a permit to emit TAPs and for demonstrating compliance with the requirements of 15A NCAC 2D .1100 "Control of Toxic Air Pollutants".
- c. In accordance with the approved application, the Permittee shall maintain records of operational information demonstrating that the TAP emissions do not exceed the TPERs as listed below:

Pollutant	Carcinogens (lb/yr)	Chronic Toxicants (lb/day)	Acute Systemic Toxicants (lb/hr)	Acute Irritants (lb/hr)
Acetaldehyde (75-07-0)				6.8
Ammonia (as NH ₃) (7664-41-7)				0.68
Benzo(a)pyrene (Component of 83329/POMTV & 56553/7PAH) (50-32-8)	2.2			
1,3-Butadiene (106-99-0)	11			
Hexane, n- (110-54-3)		23		
Toluene (108-88-3)		98		14.4
Xylene (mixed isomers) (1330-20-7)		57		16.4

B. GENERAL CONDITIONS AND LIMITATIONS

1. In accordance with G.S. 143-215.108(c)(1), TWO COPIES OF ALL DOCUMENTS, REPORTS, TEST DATA, MONITORING DATA, NOTIFICATIONS, REQUESTS FOR RENEWAL, AND ANY OTHER INFORMATION REQUIRED BY THIS PERMIT shall be submitted to the:

Regional Supervisor
North Carolina Division of Air Quality
Asheville Regional Office
2090 U.S. Highway 70
Swannanoa, NC 28778
828-296-4500

For identification purposes, each submittal should include the facility name as listed on the permit, the facility identification number, and the permit number.

2. RECORDS RETENTION REQUIREMENT - In accordance with 15A NCAC 2D .0605, any records required by the conditions of this permit shall be kept on site and made available to DAQ personnel for inspection upon request. These records shall be maintained in a form suitable and readily available for expeditious inspection and review. These records must be kept on site for a minimum of 2 years, unless another time period is otherwise specified.
3. ANNUAL FEE PAYMENT - Pursuant to 15A NCAC 2Q .0203(a), the Permittee shall pay the annual permit fee within 30 days of being billed by the DAQ. Failure to pay the fee in a timely manner will cause the DAQ to initiate action to revoke the permit.

4. EQUIPMENT RELOCATION - In accordance with 15A NCAC 2Q .0301, a new air permit shall be obtained by the Permittee prior to establishing, building, erecting, using, or operating the emission sources or air cleaning equipment at a site or location not specified in this permit.
5. REPORTING REQUIREMENT - In accordance with 15A NCAC 2Q .0309, any of the following that would result in previously unpermitted, new, or increased emissions must be reported to the Regional Supervisor, DAQ:
 - a. changes in the information submitted in the application regarding facility emissions;
 - b. changes that modify equipment or processes of existing permitted facilities; or
 - c. changes in the quantity or quality of materials processed.

If appropriate, modifications to the permit may then be made by the DAQ to reflect any necessary changes in the permit conditions. In no case are any new or increased emissions allowed that will cause a violation of the emission limitations specified herein.

6. In accordance with 15A NCAC 2Q .0309, this permit is subject to revocation or modification by the DAQ upon a determination that information contained in the application or presented in the support thereof is incorrect, conditions under which this permit was granted have changed, or violations of conditions contained in this permit have occurred. In accordance with G.S. 143-215.108(c)(1), the facility shall be properly operated and maintained at all times in a manner that will effect an overall reduction in air pollution. Unless otherwise specified by this permit, no emission source may be operated without the concurrent operation of its associated air cleaning device(s) and appurtenances.
7. In accordance with G.S. 143-215.108(c)(1), this permit is nontransferable by the Permittee. Future owners and operators must obtain a new air permit from the DAQ.
8. In accordance with G.S. 143-215.108(c)(1), this issuance of this permit in no way absolves the Permittee of liability for any potential civil penalties which may be assessed for violations of State law which have occurred prior to the effective date of this permit.
9. In accordance with G.S. 143-215.108(c)(1), this permit does not relieve the Permittee of the responsibility of complying with all applicable requirements of any Federal, State, or Local water quality or land quality control authority.
10. In accordance with 15A NCAC 2D .0605, reports on the operation and maintenance of the facility shall be submitted by the Permittee to the Regional Supervisor, DAQ at such intervals and in such form and detail as may be required by the DAQ. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules.
11. A violation of any term or condition of this permit shall subject the Permittee to enforcement pursuant to G.S. 143-215.114A, 143-215.114B, and 143-215.114C, including assessment of civil and/or criminal penalties.

12. Pursuant to North Carolina General Statute 143-215.3(a)(2), no person shall refuse entry or access to any authorized representative of the DAQ who requests entry or access for purposes of inspection, and who presents appropriate credentials, nor shall any person obstruct, hamper, or interfere with any such representative while in the process of carrying out his official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
13. In accordance with G.S. 143-215.108(c)(1), this permit does not relieve the Permittee of the responsibility of complying with any applicable Federal, State, or Local requirements governing the handling, disposal, or incineration of hazardous, solid, or medical wastes, including the Resource Conservation and Recovery Act (RCRA) administered by the Division of Waste Management.
14. PERMIT RETENTION REQUIREMENT - In accordance with 15A NCAC 2Q .0110, the Permittee shall retain a current copy of the air permit at the site. The Permittee must make available to personnel of the DAQ, upon request, the current copy of the air permit for the site.
15. CLEAN AIR ACT SECTION 112(r) REQUIREMENTS - Pursuant to 15A NCAC 2D .2100 "Risk Management Program," if the Permittee is required to develop and register a risk management plan pursuant to Section 112(r) of the Federal Clean Air Act, then the Permittee is required to register this plan with the USEPA in accordance with 40 CFR Part 68.
16. PREVENTION OF ACCIDENTAL RELEASES - GENERAL DUTY - Pursuant to Title I Part A Section 112(r)(1) of the Clean Air Act "Hazardous Air Pollutants - Prevention of Accidental Releases - Purpose and General Duty," although a risk management plan may not be required, if the Permittee produces, processes, handles, or stores any amount of a listed hazardous substance, the Permittee has a general duty to take such steps as are necessary to prevent the accidental release of such substance and to minimize the consequences of any release. **This condition is federally-enforceable only.**
17. GENERAL EMISSIONS TESTING AND REPORTING REQUIREMENTS - If emissions testing is required by this permit, or the DAQ, or if the Permittee submits emissions testing to the DAQ in support of a permit application or to demonstrate compliance, the Permittee shall perform such testing in accordance with 15A NCAC 2D .2600 and follow all DAQ procedures including protocol approval, regional notification, report submittal, and test results approval. Additionally, in accordance with 15A NCAC 2D .0605, the permittee shall follow the procedures for obtaining any required audit sample and reporting those results.

Permit No. 10562R00
Page 13

Permit issued this the 4th of June, 2018.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION



Brendan G. Davey, P.E.
Regional Supervisor
By Authority of the Environmental Management Commission

Air Permit No. 10562R00

Insignificant / Exempt Activities

Source	Exemption Regulation	Source of TAPs?	Source of Title V Pollutants?
I-Em. Gen. - one natural-gas fired emergency generator (755 brake horsepower; 500KW) subject to NESHAP Subpart ZZZZ and NSPS Subpart JJJJ	2Q .0102 (h)(5)	Yes	Yes
I-Fugitives - fugitive equipment leaks subject to NSPS Subpart OOOOa	2Q .0102 (h)(5)	Yes	Yes
I-Blow Down - compressor blow down fugitive emissions	2Q .0102 (h)(5)	Yes	Yes

-
1. Because an activity is exempted from being required to have a permit or permit modification does not mean that the activity is exempted from an applicable requirement or that the owner or operator of the source is exempted from demonstrating compliance with any applicable requirement.
 2. When applicable, emissions from stationary source activities identified above shall be included in determining compliance with the permit requirements for toxic air pollutants under 15A NCAC 2D .1100 "Control of Toxic Air Pollutants" or 2Q .0711 "Emission Rates Requiring a Permit."
 3. Sample permit conditions showing the regulatory requirements for exempt sources subject to NESHAP, NSPS, and NCAC rules may be found here:
<https://deq.nc.gov/about/divisions/air-quality/air-quality-permits/specific-permit-conditions-regulatory-guide>