



North Carolina Department of Environment and Natural Resources  
DIVISION OF AIR QUALITY

Michael F. Easley, Governor

William G. Ross Jr., Secretary  
B. Keith Overcash, P.E., Director

*(Insert Issue Date)*

Mr. Samuel Young  
President  
Young & McQueen Grading Co. Inc. - Spruce Pine Plant  
25 Crest View Road  
Burnsville, NC 28714

Subject: Air Permit No. 09808R00  
Young & McQueen Grading Co. Inc. - Spruce Pine Plant  
Spruce Pine, Mitchell County, North Carolina  
Fee Class: Synthetic Minor  
Site Number: 01/61/00107

Dear Mr. Young:

In accordance with your completed application received July 3, 2007, we are forwarding herewith Permit No. 09808R00 to Young & McQueen Grading Co. Inc., Spruce Pine, Mitchell County, North Carolina for the construction and operation of air emissions sources or air cleaning devices and appurtenances. 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.

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**Asheville Regional Office**

2090 U.S. Highway 70, Swannanoa, North Carolina 28778

Phone: (828) 296-4500 / FAX: (828) 299-7043 / Internet: [www.ncair.org](http://www.ncair.org)

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Mr. Samuel Young

*(Insert Issue Date)*

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**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 *(Insert Issue Date)* until *(Insert Appropriate Date)*, 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 Christopher Scott at (828) 296-4500.

Sincerely,

Paul K. Muller, P.E.  
Regional Air Quality Supervisor

PKM:ces

Enclosures

c: Central Files

Asheville Regional Office

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF AIR QUALITY

**AIR PERMIT NO. 09808R00**

Issue Date: *(Insert Issue Date)*

Effective Date: *(Insert Issue Date)*

Expiration Date: *(Insert Appropriate Date)*

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,

Young & McQueen Grading Co. Inc. - Spruce Pine Plant  
 U.S. HWY 19  
 Spruce Pine, Mitchell County, North Carolina  
 Fee Class: Synthetic Minor  
 Site Number: 01/61/00107

(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
<b>one hot mix asphalt batch plant (160 tons per hour maximum capacity), consisting of the following:</b>			
ES-1 NSPS	one virgin No. 2/recycled No. 2/ virgin No. 4/recycled No. 4 fuel oil-fired hot mix asphalt batch plant aggregate dryer (56 million Btu per hour maximum heat input rate)	CD-1	one bagfilter (7,143 square feet of filter area)
ES-2, ES-3 and ES-4 NSPS	three 150-ton asphalt storage silos	N/A	N/A
ES-5 NSPS	one truck load-out operation	N/A	N/A

in accordance with the completed application 6100107.07A received July 3, 2007 including any

plans, specifications, previous applications, and other supporting data, all of which are filed with the Department of Environment and Natural Resources, 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 .0506, 2D .0516, 2D .0524 (40 CFR 60, Subpart I), 2D .0535, 2D .0540, 2D .0611, 2D .1100, 2D .1806, 2Q .0315, 2Q .0317 (Avoidance) and 2Q .0711.
2. EMISSION INVENTORY REQUIREMENT - At least 90 days prior to the expiration date of this permit, the Permittee shall submit the air pollution emission inventory report 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. The report shall document air pollutants emitted for the 2011 calendar year. The Regional Office will send information on how to submit the emissions inventory, along with a reminder to renew your permit, about six months prior to your permit expiration. If you do not receive this information, please contact the Regional Supervisor, DAQ.
3. PARTICULATE CONTROL REQUIREMENT - As required by 15A NCAC 2D .0506 "Particulates from Hot Mix Asphalt Plants,"
  - a. Particulate matter emissions resulting from the operation of a hot mix asphalt plant shall not exceed allowable emission rates. The allowable emission rates are, as defined in 15A NCAC 2D .0506, a function of the process weight rate and shall be determined by the following equation (calculated to two significant figures), where P is the process throughput rate in tons per hour (tons/hr) and E is the allowable emission rate in pounds per hour (lbs/hr).
$$E = 4.9445 * (P)^{0.4376} \quad \text{for } P < 300 \text{ tons/hr, or}$$
$$E = 60 \text{ lbs/hr} \quad \text{for } P \geq 300 \text{ tons/hr}$$
  - b. Visible emissions from stacks or vents at a hot mix asphalt plant shall be less than 20 percent opacity when averaged over a six-minute period.
  - c. Fugitive non-process dust emissions shall be controlled as required by 15A NCAC 2D .0540 "Particulates From Fugitive Non-Process Dust Emission Sources."
  - d. Fugitive emissions for sources at a hot mix asphalt plant not covered elsewhere under this Rule shall not exceed 20 percent opacity averaged over six minutes.

- e. All hot mix asphalt batch plants shall be equipped with a scavenger process dust control system for the drying, conveying, classifying, and mixing equipment. The scavenger process dust control system shall exhaust through a stack or vent and shall be operated and maintained in such a manner as to comply with the allowable particulate emission rate and opacity limit of this Rule.
4. **SULFUR DIOXIDE CONTROL REQUIREMENT** - As required by 15A NCAC 2D .0516 "Sulfur Dioxide Emissions from Combustion Sources," sulfur dioxide emissions from the asphalt batch plant (ID No. ES-1) shall not exceed 2.3 pounds per million Btu heat input.
  5. **15A NCAC 2D .0524 "NEW SOURCE PERFORMANCE STANDARDS"** - For the asphalt batch plant (ID No. ES-1), three asphalt storage silos (ID No. ES-2, ES-3 and ES-4) and the truck load-out (ID No. ES-5), the Permittee shall comply with all applicable provisions, including the notification, testing, reporting, recordkeeping, and monitoring requirements contained in Environmental Management Commission Standard 15A NCAC 2D .0524 "New Source Performance Standards" (NSPS) as promulgated in 40 CFR 60, Subpart I, including Subpart A "General Provisions."
    - a. NSPS 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 date construction (40 CFR 60.7) or reconstruction (40 CFR 60.15) of an affected source is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced sources which are purchased in completed form;
      - ii. The actual date of initial start-up of an affected source, postmarked within 15 days after such date.
    - b. NSPS Emissions Limitations - As required by 15A NCAC 2D .0524, the Permittee shall not discharge or cause the discharge into the atmosphere from any affected source any gases which:
      - i. Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf); or
      - ii. Exhibit 20 percent opacity, or greater.
    - c. NSPS Performance Testing - As required by 15A NCAC 2D .0524, the following performance tests shall be conducted:

Affected Source(s)	Pollutant	Test Method
one batch mix asphalt plant aggregate dryer (ID No. ES-1; while combusting worst case fuel)	Filterable Particulate Matter	Method 5
	Visible Emissions	Method 9

- i. All performance tests shall be conducted in accordance with EPA Reference Methods, contained in 40 CFR 60, Appendix A.
- ii. The EPA Administrator retains the exclusive right to approve equivalent and alternative test methods, continuous monitoring procedures, and reporting requirements.
- iii. Within 60 days after achieving the maximum production rate at which the source will be operated, but not later than 180 days after the initial start-up of the affected source, for each fuel permitted, 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.
- iv. 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.
- v. All associated testing costs are the responsibility of the Permittee.
- vi. 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 such tests.
- vii. 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).
- viii. If the stack test is conducted while combusting No. 2 fuel oil and the Permittee wishes to combust recycled No. 2, virgin No. 4 or recycled No. 4 fuel oil at a later date, the Permittee shall conduct additional Method 5-Method 9 stack tests, with the results submitted to the Regional Supervisor, DAQ, within 90 days of the start of the recycled No. 2, virgin No. 4 or recycled No. 4 fuel oil combustion.

6. TESTING REQUIREMENT - Pursuant to 15A NCAC 2D .0506, the following performance tests shall be conducted:

Affected Source(s)	Pollutant	Test Method
one batch mix asphalt plant aggregate dryer (ID No. ES-1; while combusting worst case fuel)	Condensable Particulate Matter	Method 202

- a. All performance tests shall be conducted in accordance with EPA Reference Methods, contained in 40 CFR 60, Appendix A.

- b. The EPA Administrator retains the exclusive right to approve equivalent and alternative test methods, continuous monitoring procedures, and reporting requirements.
  - c. The Permittee shall conduct the required performance test(s) and submit a written report of the test(s) to the Regional Supervisor, DAQ, within 60 days after achieving the maximum production rate at which the source will be operated, but not later than 180 days after the initial start-up of the affected source. 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.
  - d. 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.
  - e. All associated testing costs are the responsibility of the Permittee.
  - f. At least 45 days prior to performing any required emissions testing, the Permittee must submit a testing protocol to the Regional Supervisor, DAQ for review and approval. All testing protocols must be approved by the DAQ prior to performing such tests.
  - g. 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).
  - h. If the stack test is conducted while combusting No. 2 fuel oil and the Permittee wishes to combust recycled No. 2, virgin No. 4 or recycled No. 4 fuel oil at a later date, the Permittee shall conduct an additional Method 202 stack test, with the results submitted to the Regional Supervisor, DAQ, within 90 days of the start of the recycled No. 2, virgin No. 4 or recycled No. 4 fuel oil combustion.
7. 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.

8. 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 60, 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 from process operations 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).

"Substantive complaints" means complaints that are verified with physical evidence.

"Excess fugitive dust emissions" means:

- (A) Fugitive dust is visible extending beyond the facility's property line, or
- (B) Upon inspection of settled dust on adjacent property, the Division finds that the dust came from the adjacent facility.

9. BAGFILTER REQUIREMENTS - As required by 15A NCAC 2D .0611, particulate matter emissions shall be controlled as described in the permitted equipment list.
  - a. Inspection and Maintenance Requirements - To comply with the provisions of this permit and ensure that emissions do not exceed the regulatory limits, the Permittee shall perform, at a minimum, an annual internal inspection of the bagfilter system. In addition, the Permittee shall perform periodic inspections and maintenance as recommended by the equipment manufacturer.
  - b. Recordkeeping Requirements - The results of all inspections and any variance from manufacturer's recommendations or from those given in this permit (when applicable) shall be investigated with corrections made and dates of actions recorded in a logbook. Records of all maintenance activities shall be recorded in the 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 hot mix asphalt batch plant aggregate dryer (ID No. ES-1)	Arsenic & Compounds (ASC (7778394))	0.16 lb/yr
	Benzene (71-43-2)	63 lb/yr
	Formaldehyde (50-00-0)	0.118 lb/hr
three 150-ton asphalt storage silos (ID Nos. ES-2, ES-3 and ES-4)	Benzene (71-43-2)	0.8775 lb/yr
	Formaldehyde (50-00-0)	0.0135 lb/hr
one truck load-out operation (ES-5)	Benzene (71-43-2)	0.4866 lb/yr
	Formaldehyde (50-00-0)	0.000586 lb/hr

a. Restrictions - To ensure compliance with the above limits, the following restrictions shall apply:

- i. the production of hot mix asphalt may not exceed 225,000 tons per 12-month period or 160 tons per hour;
- ii. the height of the main dryer stack (ID No. ES-1) shall not be less than 30 feet (9.14 meters) high;
- iii. particulate matter emissions shall be controlled by a bagfilter (ID No. CD-1); and
- iv. the facility equipment shall be constructed and operated according to the parameters set forth in the submitted modeling result approved by DAQ on July 10, 2007.

11. RECYCLED No(s). 2 and 4 FUEL OIL REQUIREMENTS - The Permittee is allowed to use the recycled fuel oil(s) supplied by a DAQ-approved vendor as follows:

a. Specifications - The recycled fuel oil(s) shall be equivalent to unadulterated fossil fuel by meeting the following criteria:

<b>Constituent/Property</b>	<b>Allowable Level</b>
Arsenic	1 ppm maximum
Cadmium	2 ppm maximum
Chromium	5 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash Point	
No. 2	100°F minimum
No. 4	130°F minimum
Sulfur	
No. 2	0.5% maximum (by weight)
No. 4	1.0% maximum (by weight)
Ash	1.0% maximum

- b. The Permittee is responsible for ensuring that the recycled fuel oil(s) meet(s) the approved criteria for unadulterated fuel. The Permittee is held responsible for any discrepancies discovered by DAQ as a result of any sampling and analysis of the fuel oil(s).
- c. Record keeping Requirements - The Permittee shall maintain at the facility for a minimum of three years, and shall make available to representatives of the DAQ upon request, accurate records of the following:
- i. The actual amount of recycled fuel oil(s) delivered to, and combusted at the facility on an annual basis.
  - ii. The results of any analytical testing of the recycled fuel oil(s) as it is sampled and tested by the vendor.
- d. Reporting Requirements - Within 30 days after each calendar year, the Permittee shall submit in writing to the Regional Supervisor, DAQ, the following:
- i. A summary of the results of the analytical testing for the previous 12 months.
  - ii. The total gallons of recycled fuel oil(s) from each approved vendor combusted at the facility for the previous 12 months.
- e. The DAQ reserves the right to require additional testing and/or monitoring of the recycled fuel oil(s) on an annual basis or without notice.
12. 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.

13. LIMITATION TO AVOID 15A NCAC 2Q .0501 - Pursuant to 15A NCAC 2Q .0315 "Synthetic Minor Facilities," to avoid the applicability of 15A NCAC 2Q .0501 "Purpose of Section and Requirement for a Permit," as requested by the Permittee, facility-wide emissions shall be less than the following:

Pollutant	Emission Limit (Tons per consecutive 12-month period)
SO <sub>2</sub>	100
CO	100

- a. **Operations Restrictions** - To ensure emissions do not exceed the limitations above, the following restrictions shall apply:
- i. the amount of asphalt produced shall be less than 225,000 tons per consecutive 12-month period;
  - ii. the sulfur content of No. 2 fuel oil, including recycled No. 2 fuel oil shall be limited to 0.5% sulfur by weight; and
  - iii. the sulfur content of No. 4 fuel oil, including recycled No. 4 fuel oil, shall be limited to 2.0% sulfur by weight.
  - iv. If multiple fuels are used, emissions should be determined using the sum of the individual emissions rates.
- b. **Fuel certification Requirement** - Fuel certification shall be kept on-site and made available to DAQ personnel upon request. The Permittee shall keep each record on file for a minimum of three years.
- c. **Reporting Requirements** - Within 30 days after each calendar year quarter, regardless of the actual emissions, the Permittee shall submit the following to the Regional Supervisor, DAQ, in writing:
- i. the monthly amount of asphalt produced for each fuel type for each month during the previous quarter and, the total amount of asphalt produced for each fuel type, for each of the three previous 12-month periods during the quarter;
  - ii. the total carbon monoxide and sulfur dioxide emissions for each month and for each of the three previous 12-month periods during the quarter; and
  - iii. a copy of the fuel certification for the shipment of each fuel oil type with the highest sulfur content by weight delivered during the quarter. The fuel supplier certification shall include the following information:
    - A. the name of the oil supplier; and
    - B. a certified statement signed by the owner or operator of the facility that the records of fuel supplier certification submitted represent all of the fuel combusted during the reporting period.

14. LIMITATION TO AVOID 15A NCAC 2D .0530 "PREVENTION OF SIGNIFICANT DETERIORATION" - In accordance with 15A NCAC 2Q .0317, to comply with this permit and avoid applicability of 15A NCAC 2D .0530 "Prevention of Significant Deterioration," as requested by the Permittee, volatile organic compound (VOC) emissions shall be limited as follows:

Affected Source(s)	Pollutants	Emission Limit (Tons Per Consecutive 12-month Period)
one hot mix asphalt batch plant aggregate dryer (ID No. ES-1)	CO	250 tons
	SO <sub>2</sub>	

Compliance with this limit shall be established by compliance with the Synthetic Minor limit, recordkeeping, and reporting requirements outlined in Specific Condition and Limitation No. 13.

15. 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 do not exceed the Toxic Permit Emission Rates (TPERs) listed in 15A NCAC 2Q .0711. 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 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
Acrolein (107-02-8)				0.02
Benzo(a)pyrene (Component of 83329/POMTV & 56553/7PAH) (50-32-8)	2.2			

<b>Pollutant</b>	<b>Carcinogens (lb/yr)</b>	<b>Chronic Toxicants (lb/day)</b>	<b>Acute Systemic Toxicants (lb/hr)</b>	<b>Acute Irritants (lb/hr)</b>
Beryllium metal (unreacted) (Component of BEC) (7440-41-7)	0.28			
CFC-11(Trichlorofluoromethane) (75-69-4)			140	
Cadmium Metal (elemental unreacted, Component of CDC) (7440-43-9)	0.37			
Carbon disulfide (75-15-0)		3.9		
Chromium (VI) Soluble Chromate Compounds (Component of CRC) (SolCR6)		0.013		
Hexachlorodibenzo-p-dioxin 1,2,3,6,7,8 (Component of CLDC) (57653-85-7)	0.0051			
Hexane, n- (110-54-3)		23		
Manganese & compounds (MNC)		0.63		
Methyl chloroform (71-55-6)		250		64
Methyl ethyl ketone (78-93-3)		78		22.4
Methylene chloride (75-09-2)	1600		0.39	
Perchloroethylene (tetrachloroethylene) (127-18-4)	13000			
Phenol (108-95-2)			0.24	
Styrene (100-42-5)			2.7	
Tetrachlorodibenzo-p-dioxin, 2,3,7,8- (Component of CLDC & 83329/POMTV) (1746-01-6)	0.0002			
Toluene (108-88-3)		98		14.4

Pollutant	Carcinogens (lb/yr)	Chronic Toxicants (lb/day)	Acute Systemic Toxicants (lb/hr)	Acute Irritants (lb/hr)
Trichloroethylene (79-01-6)	4000			
Xylene (1330-20-7)		57		16.4

d. To ensure compliance with the above limits, the following restrictions shall apply:

- i. production of hot mix asphalt may not exceed 225,000 tons per 12-month period or 160 tons per hour; and
- ii. particulate matter emissions shall be controlled by bagfilter (ID No. CD-1).

**B. GENERAL CONDITIONS AND LIMITATIONS**

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

- 2. RECORDS RETENTION REQUIREMENT - 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. PERMIT RENEWAL 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. The renewal request should be submitted to the Regional Supervisor, DAQ.
- 4. 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.

5. EQUIPMENT RELOCATION - 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.
6. 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. 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. REPORTING REQUIREMENT - 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.

8. This permit is nontransferable by the Permittee. Future owners and operators must obtain a new air permit from the DAQ.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.

14. The Permittee must comply 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.
15. PERMIT RETENTION REQUIREMENT - 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.
16. CLEAN AIR ACT SECTION 112(r) REQUIREMENTS - Pursuant to 40 CFR Part 68 "Accidental Release Prevention Requirements: Risk Management Programs Under the Clean Air Act, Section 112(r)," 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 in accordance with 40 CFR Part 68.
17. 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.**

Permit issued this the (*Insert Issue Date*).

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

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Paul K. Muller, P.E.  
Regional Air Quality Supervisor  
By Authority of the Environmental Management Commission

ATTACHMENT to Permit No. 09808R00, (*Insert Issue Date*).

**Insignificant / Exempt Activities**

<b>Source</b>	<b>Date of Application</b>	<b>Exemption Regulation</b>	<b>Source of TAPs?</b>	<b>Source of Title V Pollutants?</b>
IES-1 - fuel oil storage tanks	06/25/2007	2Q .0102 (c)(1)(D)(i)	Yes	Yes
IES-2 - asphalt cement storage tank(s) (10,000 gallon capacity)	06/25/2007	2Q .0102 (c)(1)(L)(xi)	Yes	Yes
IES-3 - one No. 2 fuel oil fired asphalt heater (1.6 million Btu per hour maximum heat input rate)	06/25/2007	2Q .0102 (c)(2)(B)(i)(I)	Yes	Yes

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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."