



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE

4949-A Cox Road, Glen Allen, Virginia 23060

(804) 527-5020 Fax (804) 527-5106

www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

Gerard Seeley, Jr.
Regional Director

April 8, 2008

Mr. Clifford Bocchicchio
Environmental Manager
Mechanicsville Concrete LLC
1151 Azalea Garden Road
Norfolk, VA 23502

Location: Hanover County
Registration No.: 52217

Dear Mr. Bocchicchio:

Attached is a permit to construct and operate a concrete batch plant in accordance with the provisions of the Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on April 1, 2008.

This permit approval to construct/relocate and operate shall not relieve Mechanicsville Concrete LLC, of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. 9 VAC 5-170-200 provides that you may request direct consideration of the decision by the Board if the Director of the DEQ made the decision. Please consult the relevant regulations for additional requirements for such requests.

Mr. Clifford Bocchicchio

April 8, 2008

Page 2

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the Piedmont Regional Office at (804) 527-5020.

Sincerely,



James E. Kyle, P.E.
Air Permit Manager

JEK/SLT/52217_001_08

Attachment: Permit

cc: Director, OAPP (electronic file submission)
Manager/Inspector, Air Compliance



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE

4949-A Cox Road, Glen Allen, Virginia 23060

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L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

Gerard Seeley, Jr.
Regional Director

STATIONARY SOURCE PERMIT TO CONSTRUCT AND OPERATE

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Mechanicsville Concrete LLC
(Ashland Ready-Mix Concrete Plant)
1151 Azalea Garden Road
Norfolk, VA 23502
Registration No.: 52217

is authorized to construct and operate


a concrete batch plant

located at

11340 Virginia Crane Drive
Ashland, VA 23005

in accordance with the Conditions of this permit.

Approved on April 8, 2008.



Kyle I. Winter, P.E.
Deputy Regional Director

Permit consists of 8 pages.
Permit Conditions 1 to 19.

INTRODUCTION

This permit approval is based on the permit application dated February 29, 2008, including amendment information dated March 19, 2008 and supplemental information dated April 1, 2008. Any changes in the permit application specifications or any existing facilities, which alter the impact of the facility on air quality, may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action. In addition, this facility may be subject to additional applicable requirements not listed in this permit.

Words or terms used in this permit shall have meanings as provided in 9 VAC 5-10-20 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. The regulatory reference or authority for each condition is listed in parentheses () after each condition.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the DEQ or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

PROCESS REQUIREMENTS

1. **Equipment List** - Equipment at this facility consists of the following:

- one truck mix concrete batch plant rated at 250 tons of concrete per hour which includes the following:

Reference No.	Equipment Description	Rated Capacity	Federal Requirements
1	One 30 ton (10' x 10') aggregate and sand feed hopper	-	-
2	One 24"x 110" sand and aggregate stationary transfer conveyor to sand and aggregate bin	350 tons/hr	-
3	One 150 ton (combined) three compartment sand and aggregate storage bin with turnhead	-	-

4	One 50 ton flyash or new cement storage silo	-	-
5	One 100 ton cement silo	-	-
6	One 10 cubic yd aggregate weigh batcher	-	
-	One 24"x 36.5' batch transfer conveyor	350 tons/hr	
7	One 10 cubic yard cement, new cement and flyash weigh batcher	-	

Equipment Exempt from Permitting				
Reference No.	Equipment Description	Rated Capacity	Exemption Citation	Exemption Date
9	One Pearson Model P-3-2W (no. 2 distillate fuel oil) hot water heater	0.28 MMBtu/hr	9 VAC 5-80-1320 B.1.b.	March 31, 2008

(9 VAC 80-1180 D 3)

2. **Emission Controls** - Particulate emissions from the loading of cement, new cement and fly ash to the storage silos, from the loading of the cement, new cement and flyash to the weigh batcher, and from the loading of the mixing trucks shall be controlled by a central dust collector fabric filter. The central dust collector fabric filter shall be provided with adequate access for inspection and shall be in operation when the listed processes are operating. (9 VAC 5-80-1180 and 9 VAC 5-50-260)

3. **Fugitive Dust and Fugitive Emission Controls** – Fugitive dust and fugitive emission controls shall include the following, or equivalent, as approved by DEQ:
 - a. Use of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, grading of roads, or clearing of land.
 - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces, which may create airborne dust; paving of roadways, and maintenance of roadways in a clean condition.
 - c. Installation and use of hoods, fans and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operations.
 - d. Open equipment for conveying or transporting materials likely to create objectionable air pollution when airborne shall be covered, or treated in an equally effective manner at all times when in motion.
 - e. Prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.
 - f. Dust from material handling and load-outs, shall be controlled by wet suppression or equivalent. The wet suppression spray systems shall be operated at optimum design.

g. Reasonable precautions shall be taken to prevent deposition of dirt on public roads and subsequent dust emissions. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.

(9 VAC 5-50-90, 9 VAC 5- 80-1180 and 9 VAC 5-50-260)

4. **Monitoring Devices** – Each of the fabric filters shall be equipped with a device to continuously measure differential pressure drop across the fabric filter. Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures, which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the fabric filter is operating.

(9 VAC 5-80-1180 D)

5. **Monitoring Device Observation** – To ensure good performance, each of the differential pressure gauges for the fabric filters shall be observed by the permittee with a frequency of not less than once per day. The permittee shall keep a log of the observations from each of the fabric filter differential pressure gauges.

(9 VAC 5-80-1180 D)

OPERATING LIMITATIONS

6. **Production** - The production of concrete shall not exceed 200,000 tons of concrete per year (100,000 cubic yards per year), calculated monthly as the sum of each consecutive 12-month period. For the purposes of this permit condition, 1 Cubic Yard of Concrete = 4,000 lbs of Concrete = 2 tons of Concrete. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

(9 VAC 5-80-1180)

EMISSION LIMITS

7. **Process Emission Limits** - Emissions from the operation of the truck mix concrete batch plant shall not exceed the limits specified below:

Particulate Matter (PM)	17.3 lbs/hr	8.6 tons/yr
PM10/PM2.5	7.3 lbs/hr	3.6 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 2, 3, 4 and 6.

(9 VAC 5-80-1180 and 9 VAC 5-50-260)

8. **Visible Emission Limit** - Visible emissions from the central dust collector fabric filter exhaust shall not exceed five percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-80-1180 and 9 VAC 5-50-260)
9. **Visible Emission Limit** - Visible emissions from loading the sand and aggregate storage bins shall not exceed ten percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

RECORDS

10. **On Site Records** - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Piedmont Region. These records shall include, but are not limited to:
 - a. Annual production of concrete, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
 - b. Operation and control device monitoring records for each of the fabric filters as required in Condition number 5.
 - c. Scheduled and unscheduled maintenance, and operator training.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-80-1180 and 9 VAC 5-50-50)

GENERAL CONDITIONS

11. **Permit Invalidation** – This permit to construct the concrete batch plant shall become invalid, unless an extension is granted by the DEQ, if:
 - a. A program of continuous construction is not commenced within the latest of the following:
 - i. 18 months from the date of this permit;
 - ii. Nine months from the date that the last permit or other authorization was issued from any other governmental entity;

- iii. Nine months from the date of the last resolution of any litigation concerning any such permits or authorization; or
- b. A program of construction is discontinued for a period of 18 months or more, or is not completed within a reasonable time, except for a DEQ approved period between phases of a phased construction project.
(9 VAC 5-80-1210)

12. Permit Suspension/Revocation - This permit may be suspended or revoked if the permittee:

- a. Knowingly makes material misstatements in the permit application or any amendments to it;
- b. Fails to comply with the conditions of this permit;
- c. Fails to comply with any emission standards applicable to a permitted emissions unit ;
- d. Causes emissions from the stationary source which result in violations of , or interfere with the attainment and maintenance of, any ambient air quality standard; or
- e. Fails to operate in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect at the time an application for this permit is submitted.
(9 VAC 5-80-1210 F)

13. Right of Entry - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;
- c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and
- d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.

(9 VAC 5-170-130 and 9 VAC 5-80-1180)

14. **Maintenance/Operating Procedures** – At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to air pollution control equipment:

- a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
- b. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.
- c. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures, prior to their first operation of such equipment. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.

(9 VAC 5-50-20 E and 9 VAC 5-80-1180 D)

15. **Record of Malfunctions** – The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record.
(9VAC 5-20-180 J and 9 VAC 5-80-1180 D)

16. **Notification for Facility or Control Equipment Malfunction** - The permittee shall furnish notification to the Piedmont Region of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour, by facsimile transmission, telephone or telegraph. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within two weeks of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Piedmont Region.
(9 VAC 5-20-180 C and 9 VAC 5-80-1180)

17. **Violation of Ambient Air Quality Standard** - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9 VAC 5-20-180 I and 9 VAC 5-80-1180)

18. **Change of Ownership** - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current permit issued to the previous owner. The new owner shall notify the Piedmont Region of the change of ownership within 30 days of the transfer.
(9 VAC 5-80-1240)

19. **Permit Copy** - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9 VAC 5-80-1180)

OCR

The following pages contain the Optical Character Recognition text of the preceding scanned images.

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
PIEDMONT REGIONAL OFFICE

L. Prestoti Bryant, Jr. 4949-A Cox Road, Glen Allen, Virginia 23060 David K. P
aylor

Secretary of Natural Resources (804) 527-5020 Fax (804) 527-5 106 Director
www.deq.virginia.gov

Gerard Seeley, Jr.
Regional Direc(or

April 8, 2008

Mr. Clifford Bocchicchio
Environmental Manager
Mechanicsville Concrete LLC
II 51 Azalea Garden Road
Norfolk, VA 23502

Location: Hanover County
Registration No.: 52217

Dear Mr. Bocchicchio:

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The Board's Regulations as contained in Title 9 of the Virginia Administrative
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Mr. Clifford Bocchicchio
April 8, 2008
Page 2

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David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
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If you have any questions concerning this permit, please contact the Piedmont Regional Office at (804) 527-5020.

Sincerely,

Air P

JEK/SLT/52217-001-08

Attachment: Permit

cc: Director, OAPP (electronic file submission)
Manager/Inspector, Air Compliance

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
PIEDMONT REGIONAL OFFICE

L. Prestoii Bryant, Jr. 4949-A Cox Road, Glen Allen, Virginia 23060 David K. P
aylor

Secretary of Natural Resources (804) 527-5020 Fax (804) 527-5 106 Director
www.deq.virginia.gov

Gerard Seeley, Jr.

Regional Director

STATIONARY SOURCE PERMIT TO CONSTRUCT AND OPERATE

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia
Regulations for the Control and Abatement of Air Pollution,

Mechanicsville Concrete LLC
(Ashland Ready-Mix Concrete Plant)
II 51 Azalea Garden Road
Norfolk, VA 23502
Registration No.: 52217

is authorized to construct and operate

a concrete batch plant

located at

II 340 Virginia Crane Drive
Ashland, VA 23005

in accordance with the Conditions of this pen-nit.

Approved on April 8, 2008.

'Kyl
e 1. Winter, P.E.
Deputy Regional Director

Permit consists of 8 pages.
Permit Conditions I to 19.

INTRODUCTION

This permit approval is based on the permit application dated February 29, 2008, including amendment information dated March 19, 2008 and supplemental information dated April 1, 2008. Any changes in the pen-nit application specifications or any existing facilities, which alter the impact of the facility on air quality, may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action. In addition, this facility may be subject to additional applicable requirements not listed in this pen-nit.

Words or terms used in this permit shall have meanings as provided in 9 VAC 5-10-20 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution.

The regulatory reference or authority for each condition is listed in parentheses (after each condition.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the DEQ or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, 2.2-3700 through 2.2-3714 of the Code of Virginia, 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

PROCESS REQUIREMENTS

1. Equipment List - Equipment at this facility consists of the following:

- one truck mix concrete batch plant rated at 250 tons of concrete per hour which includes the following:

Reference No.	Equipment Description	Rated Capacity	Federal Requirements
1	One 30 ton (10' x 10')		
	aggregate and sand feed hopper		
2	One 24"x 10" sand and aggregate	stationary transfer conveyor to sand and aggregate bin	350 tons/hr
3	One 150 ton (combined)	three	

compartment sand and
aggregate storage bin with
turnhead

Mechanicsville Concrete LLC - Ashland Ready-Mix Concrete Plant
Registration Number: 52217
April 8, 2008
Page 3

4 One 50 ton flyash or new
cement storage silo
5 One 100 ton cement silo
6 One 10 cubic yd aggregate
weigher
One 24"x 36.5' batch transfer 350 tons/hr
conveyor
7 One 10 cubic yard cement, new
cement and flyash weigh
batcher

Equipment Exempt from Permitting
Reference No. Equipment Description Rated Capacity Exemption Citation Exemption
Date

9 One Pearson Model P-3-2W 0.28 MMBtu/hr 9 VAC 5-80-1320 March 31, 2008
(no. 2 distillate fuel oil) hot B. Lb.
water heater

(9 VAC 80-1180 D 3)

2. Emission Controls - Particulate emissions from the loading of cement, new cement and flyash to the storage silos, from the loading of the cement, new cement and flyash to the weigh batcher, and from the loading of the mixing trucks shall be controlled by a central dust collector fabric filter. The central dust collector fabric filter shall be provided with adequate access for inspection and shall be in operation when the listed processes are operating.

(9 VAC 5-80-1180 and 9 VAC 5-50-260)

3. Fugitive Dust and Fugitive Emission Controls - Fugitive dust and fugitive emission

controls shall include the following, or equivalent, as approved by DEQ:

a. Use of water or chemicals for control of dust in the demolition of existing buildings or

structures, construction operations, grading of roads, or clearing of land.

b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces, which may create airborne dust; paving of roadways, and maintenance

of roadways in a clean condition.

c. Installation and use of hoods, fans and fabric filters to enclose and vent the handling of

dusty materials. Adequate containment methods shall be employed during sandblasting

or other similar operations.

d. Open equipment for conveying or transporting materials likely to create objectionable air

pollution when airborne shall be covered, or treated in an equally effective manner at all

times when in motion.

e. Prompt removal of spilled or tracked dirt or other materials from paved streets and of

dried sediments resulting from soil erosion.

f. Dust from material handling and load-outs, shall be controlled by wet suppression or

equivalent. The wet suppression spray systems shall be operated at optimum design.

g. Reasonable precautions shall be taken to prevent deposition of dirt on public roads and subsequent dust emissions. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.

(9 VAC 5-50-90, 9 VAC 5- 80-1180 and 9 VAC 5-50-260)

4. Monitoring Devices - Each of the fabric filters shall be equipped with a device to continuously measure differential pressure drop across the fabric filter. Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures, which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the fabric filter is operating.

(9 VAC 5-80-1180 D)

5. Monitoring Device Observation - To ensure good performance, each of the differential pressure gauges for the fabric filters shall be observed by the permittee with a frequency of not less than once per day. The permittee shall keep a log of the observations from each of the fabric filter differential pressure gauges.

(9 VAC 5-80-1180 D)

OPERATING LIMITATIONS

6. Production - The production of concrete shall not exceed 200,000 tons of concrete per year (100,000 cubic yards per year), calculated monthly as the sum of each consecutive 12-month period. For the purposes of this permit condition, 1 Cubic Yard of Concrete = 4,000 lbs of Concrete = 2 tons of Concrete. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

(9 VAC 5-80-1180)

EMISSION LIMITS

7. Process Emission Limits - Emissions from the operation of the truck mix concrete batch plant shall not exceed the limits specified below:

Particulate Matter (PM) 17.3 lbs/hr 8.6 tons/yr

PM10/PM2.5 73) lbs/hr 3.6 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be d

etermined as
stated in Conditions 2, 3, 4 and 6.
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

8. Visible Emission Limit - Visible emissions from the central dust collector fabric filter exhaust shall not exceed five percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

9. Visible Emission Limit - Visible emissions from loading the sand and aggregate storage bins shall not exceed ten percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

RECORDS I

10. On Site Records - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Piedmont Region. These records shall include, but are not limited to:

a. Annual production of concrete, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

b. Operation and control device monitoring records for each of the fabric filters as required in Condition number 5.

c. Scheduled and unscheduled maintenance, and operator training.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years. .
(9 VAC 5-80-1180 and 9 VAC 5-50-50)

GENERAL CONDITIONS

11. Permit Invalidation - This permit to construct the concrete batch plant shall become invalid, unless an extension is granted by the DEQ, if-

a. A program of continuous construction is not commenced within the latest of the following:

i. 18 months from the date of this permit,

ii. Nine months from the date that the last permit or other authorization was issued from any other governmental entity;

iii. Nine months from the date of the last resolution of any litigation concerning any such permits or authorization; or

b. A program of construction is discontinued for a period of 18 months or more, or is not completed within a reasonable time, except for a DEQ approved period between phases of a phased construction project.
(9 VAC 5-80-12 1 0)

12. Permit Suspension/Revocation - This permit may be suspended or revoked if the permittee:

a. Knowingly makes material misstatements in the permit application or any amendments to it;

b. Fails to comply with the conditions of this permit;

c. Fails to comply with any emission standards applicable to a permitted emissions unit,

d. Causes emissions from the stationary source which result in violations of, or interfere with the attainment and maintenance of, any ambient air quality standard; or

e. Fails to operate in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect at the time an application for this permit is submitted.
(9 VAC 5-80-121 0 F)

13. Right of Entry - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;

b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;

c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and

d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make any inspection time unreasonable during an emergency.

(.9 VAC 5-170-130 and 9 VAC 5-80-1180)

14. Maintenance/Operating Procedures - At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to air pollution control equipment:

- a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
- b. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.
- c. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures, prior to their first operation of such equipment. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.
(9 VAC 5-50-20 E and 9 VAC 5-80-1180 D)

15. Record of Malfunctions - The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record.
(9VAC 5-20-180 J and 9 VAC 5-80-1180 D)

16. Notification for Facility or Control Equipment Malfunction - The permittee shall furnish notification to the Piedmont Region of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour, by facsimile transmission, telephone or telegraph. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the

estimated duration of the breakdown., within two weeks of discovery of the malfunction.

When the condition causing the failure or malfunction has been corrected and the equipment

is again in operation, the permittee shall notify the Piedmont Region.

(9 VAC 5-20-180 C and 9 VAC 5-80-1180)

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17. Violation of Ambient Air Quality Standard - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9 VAC 5-20-180 1 and 9 VAC 5-80-1180)

18. Change of Ownership - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current permit issued to the previous owner. The new owner shall notify the Piedmont Region of the change of ownership within 30 days of the transfer.
(9 VAC 5-80-1240)

19. Permit Copy - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9 VAC 5-80-1180)