



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

SOUTHWEST REGIONAL OFFICE

355-A Deadmore Street, Abingdon, Virginia 24210

Phone (276) 676-4800 Fax (276) 676-4899

www.deq.virginia.gov

Douglas W. Domenech
Secretary of Natural Resources

David K. Paylor
Director

Allen J. Newman, P.E.
Regional Director

August 19, 2013

Mr. C.M. Mitchell
Chairman
Carroll-Grayson-Galax Solid Waste Authority
P.O. Box 1837
Hillsville, Virginia 24343

Location: Carroll County
Registration No. 11598
County-Plant ID No. 51-035-00087

Dear Mr. Mitchell:

Attached is a renewal permit to operate your municipal solid waste landfill pursuant to 9 VAC 5 Chapter 80 of the Virginia Regulations for the Control and Abatement of Air Pollution. This permit incorporates provisions from the permit dated August 20, 2008.

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

In evaluating the application and arriving at a final decision to renew the permit, the Department deemed the application complete on March 28, 2013, and solicited written public comments by placing a newspaper advertisement in the *Galax Gazette* on June 28, 2013. The thirty day comment period (provided for in 9 VAC 5-80-270) expired on July 29, 2013, with no comments having been received in this office.

This approval to operate does not relieve Carroll-Grayson-Galax Solid Waste Authority of the responsibility to comply with all other local, state, and federal permit regulations.

Issuance of this permit is a case decision. The Regulations, at 9 VAC 5-170-200, provide that you may request a formal hearing from this case decision by filing a petition with the Board

Mr. C.M. Mitchell
August 19, 2013
Page 2

within 30 days after this permit is mailed or delivered to you. Please consult that and other relevant provisions for additional requirements for such requests.

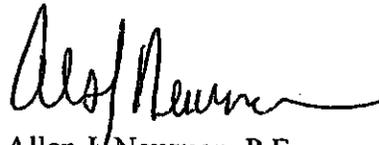
Additionally, as provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal to court by filing a Notice of Appeal with:

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

In the event that you receive this permit by mail, three days are added to the period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for additional information including filing dates and the required content of the Notice of Appeal.

If you have any questions concerning this permit, please call Bruce Mullins at (276) 676-4825.

Sincerely,



Allen J. Newman, P.E.
Regional Director

Attachment: Permit

cc: Director, OAPP (electronic file submission)
Manager, Data Analysis (electronic file submission)
Permits and Technical Assessment Branch, U.S. EPA, Region III (electronic file submission)



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Federal Operating Permit Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1 of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act and 9 VAC 5-80-50 through 9 VAC 5-80-300 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

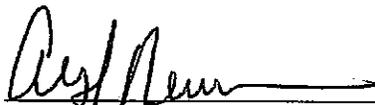
Permittee Name:	Carroll-Grayson-Galax Solid Waste Authority
Facility Name:	Carroll-Grayson-Galax Regional Landfill
Facility Location:	162 Landfill Road, Hillsville, Virginia 24343
Registration Number:	11598
Permit Number:	SWRO11598

This permit includes the following programs:

Federally Enforceable Requirements - Clean Air Act (Pages 1 through 17)

January 14, 2014
Effective Date

January 13, 2019
Expiration Date



Allen J. Newman, P.E.
Regional Director

AUGUST 20, 2013

Signature Date

Table of Contents, 1 page
Permit Conditions, 17 pages
NSPS, Subpart WWW

Table of Contents

I.	FACILITY INFORMATION.....	1
II.	EMISSION UNITS.....	2
III.	LANDFILL REQUIREMENTS - (EMISSION UNIT ID: ES-1 AND ES-2).....	3
	A. LIMITATIONS.....	3
	B. MONITORING AND RECORDKEEPING.....	4
	C. TESTING.....	5
	D. REPORTING.....	5
IV.	INSIGNIFICANT EMISSION UNITS.....	7
V.	PERMIT SHIELD & INAPPLICABLE REQUIREMENTS.....	8
VI.	GENERAL CONDITIONS	8
	A. FEDERAL ENFORCEABILITY	8
	B. PERMIT EXPIRATION.....	8
	C. RECORDKEEPING AND REPORTING.....	9
	D. ANNUAL COMPLIANCE CERTIFICATION	10
	E. PERMIT DEVIATION REPORTING	11
	F. FAILURE/MALFUNCTION REPORTING.....	11
	G. SEVERABILITY	11
	H. DUTY TO COMPLY.....	12
	I. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE	12
	J. PERMIT MODIFICATION	12
	K. PROPERTY RIGHTS	12
	L. DUTY TO SUBMIT INFORMATION.....	12
	M. DUTY TO PAY PERMIT FEES	13
	N. FUGITIVE DUST EMISSION STANDARDS.....	13
	O. STARTUP, SHUTDOWN, AND MALFUNCTION.....	13
	P. ALTERNATIVE OPERATING SCENARIOS.....	14
	Q. INSPECTION AND ENTRY REQUIREMENTS	14
	R. REOPENING FOR CAUSE.....	14
	S. PERMIT AVAILABILITY	15
	T. TRANSFER OF PERMITS	15
	U. MALFUNCTION AS AN AFFIRMATIVE DEFENSE	15
	V. PERMIT REVOCATION OR TERMINATION FOR CAUSE	16
	W. DUTY TO SUPPLEMENT OR CORRECT APPLICATION	16
	X. STRATOSPHERIC OZONE PROTECTION.....	16
	Y. ASBESTOS REQUIREMENTS.....	16
	Z. ACCIDENTAL RELEASE PREVENTION	17
	AA. CHANGES TO PERMITS FOR EMISSIONS TRADING.....	17
	BB. EMISSIONS TRADING.....	17

I. Facility Information

Permittee

Carroll-Grayson-Galax Solid Waste Authority
P.O. Box 1837
Hillsville, Virginia 24343

Responsible Official

Mr. C. M. Mitchell
Chairman

Facility

Carroll-Grayson-Galax Regional Landfill
162 Landfill Road
Hillsville, Virginia 24343

Contact Person

Mr. Allen Lawson
Director of Solid Waste
Operations
(276) 728-4907

County-Plant Identification Number: 51-035-00087

Facility Description: NAICS Code: 562212 - Collection and disposal of non-hazardous solid waste.

The Carroll-Grayson-Galax Regional Landfill facility consists of two landfill units located on contiguous property and separated by landfill haul roads. Each landfill unit accepts only municipal solid waste (MSW), and construction and demolition debris.

The first landfill unit, Landfill #1, Solid Waste Permit Number 508, accepted waste from 1987 until December 12, 2012. Landfill #1 is no longer accepting waste and is being closed and capped. DEQ issued a certificate to operate on March 16, 2010, for the second landfill unit, Landfill #2, Solid Waste Permit Number 605, and this unit is currently accepting waste. Total permitted capacity of the facility including both landfill units is 3,381,780 cubic meters. Based on a reported compaction of 1,250 pounds per cubic yard, the calculated mass capacity of the facility is 2,508,050 megagrams. Currently, there is no landfill gas (LFG) collection and control system in place for either landfill unit.

Emissions from the landfill units include non-methane organic compounds (NMOC), volatile organic compounds (VOC), hazardous air pollutants (HAP), and fugitive dust. This source is located in an attainment area for all pollutants, and is a Prevention of Significant Deterioration (PSD) minor source. The facility is permitted under a minor New Source Review (NSR) permit issued on August 20, 2008.

II. Emission Units

Equipment to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Municipal Solid Waste Landfill							
ES-1	-----	Landfill #1, Solid Waste Permit No. 508	1,137,663 m ³	-----	-----	-----	August 20, 2008
	-----	Landfill #2, Solid Waste Permit No. 605	2,244,117 m ³	-----	-----	-----	August 20, 2008
ES-2	-----	Landfill surface and haul roads	-----	Wet suppression	-----	Fugitive dust	August 20, 2008

The Size/Rated capacity is provided for informational purposes only, and is not an applicable requirement.

III. Landfill Requirements - (emission unit ID: ES-1 and ES-2)

A. Limitations

1. The design capacity of the MSW landfill is 3,381,780 cubic meters. A change in the design capacity may require a permit to modify and operate.
(9 VAC 5-50-390, 9 VAC 5-80-110, and Condition 2 of the minor NSR permit dated 8/20/08)
2. Unless Tier 2 or Tier 3 sampling demonstrates that the MSW landfill emission rate is less than 50 megagrams per year, the permittee shall, within 30 months of the first annual emission rate report in which the emission rate equals or exceeds 50 megagrams per year, install and operate a landfill gas (LFG) collection and control system which:
 - a. Is designed to handle the maximum expected gas flow rate from the entire area of the landfill;
 - b. Collects gas from each area, cell or group of cells in which initial solid waste has been in place for a period of:
 - (i) Five years or more if active; or
 - (ii) Two years or more if closed or at final grade;
 - c. Collect gas at a sufficient extraction rate;
 - d. Is designed to minimize off-site migration of subsurface gas;
 - e. Reduces NMOC by 98 weight-percent or, for an enclosed combustion device, either reduces NMOC by 98 weight-percent or reduces the outlet concentration to less than 20 ppmv, dry, as hexane, at 3% oxygen.
 - f. Maintains the methane concentration at the surface of the landfill at less than 500 ppmv above the background level.
(9 VAC 5-80-110, 9 VAC 5-50-410 Subpart WWW, 40 CFR 60.752(b)(2)(ii) and (iii), and Condition 3 of the minor NSR permit dated 8/20/08)
3. Unless otherwise specified, dust emission controls shall include the following or equivalent as a minimum:
 - a. Dust from grading, cell construction, waste compaction, application of daily cover, storage piles and traffic areas shall be controlled by wet suppression or equivalent (as approved by the DEQ) control measures.
(9 VAC 5-80-110, 9 VAC 5-50-90, and Condition 4.a. of the minor NSR permit dated 8/20/08)

4. Except where this permit is more restrictive than the applicable requirement, the municipal solid waste landfill shall be constructed and operated in compliance with the requirements of 40 CFR 60, Subpart WWW.
(9 VAC 5-80-110, 9 VAC 5-50-410 and Condition 6 of the minor NSR permit dated 8/20/08)
5. 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 and process equipment which affect such emissions:
 - a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
 - b. Maintain an inventory of spare parts.
 - c. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.
 - d. 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 5-80-110, 9 VAC 5-50-20 E, and Condition 22 of the minor NSR permit dated 8/20/08)

B. Monitoring and Recordkeeping

1. 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 Director, Southwest Regional Office. These records shall include, but are not limited to:
 - a. Current maximum design capacity, current amount of refuse in place, and year by year refuse accumulation rates.
 - b. Description, location, amount, and placement date of all non-degradable refuse including asbestos and demolition refuse placed in landfill areas which are excluded from landfill gas estimation.
 - c. Scheduled and unscheduled maintenance, and operating training in accordance with Condition III.A.5 of this permit.

These records shall be available for inspection by the DEQ and shall be current for the most recent five (5) years.

(9 VAC 5-80-110, 9 VAC 5-50-50, 9 VAC 5-50-410, 40 CFR 60.758, and Conditions 7 and 22 of the minor NSR permit dated 8/20/08)

C. Testing

1. The municipal solid waste landfill shall be constructed so as to allow for emissions testing upon reasonable notice at any time, using appropriate methods. This includes constructing the facility/equipment such that pollutant emission rates can be accurately determined by applicable test methods. Sampling ports shall be provided when requested at the appropriate locations and safe sampling platforms and access shall be provided.
(9 VAC 5-80-110, 9 VAC 5-50-30 F, and Condition 5 of the minor NSR permit dated 8/20/08)
2. The permittee shall retest, at least once every five years, the site specific NMOC concentration in accordance with the methods specified in 40 CFR 60.754. The details of the tests shall be arranged with the Director, Southwest Regional Office. One copy of the test results shall be submitted to the Southwest Regional Office within 45 days after test completion.
(9 VAC 5-80-110, 9 VAC 5-50-30, 40 CFR 60.754(a)(3)(iii) and Condition 11 of the minor NSR permit dated 8/20/08)

D. Reporting

1. No later than April 15 of each year, unless the permittee elects to submit a five-year NMOC emission rate report, the permittee shall submit an annual NMOC emission rate report to the Director, Southwest Regional Office. The NMOC emission rate shall be calculated in accordance with the procedures contained in 40 CFR 60.754(a) or (b), as applicable. The report shall include all data, calculations, sample reports and measurements used to estimate the emissions. One copy of the annual NMOC emission report shall be submitted to the U.S. Environmental Protection Agency at the address specified in Condition III.D.10.
(9 VAC 5-80-110, 9 VAC 5-50-410, 40 CFR 60.757(b), and Condition 8 of the minor NSR permit dated 8/20/08)
2. If the estimated NMOC emission rate, as presented in the annual report required in Condition III.D.1., is less than 50 Mg/yr in each of the next five consecutive years following the initial NMOC report, the permittee may elect to submit an estimate of the NMOC emission rate for the next five year period in lieu of the annual report. The estimate shall include the following:
 - a. Current amount of solid waste in place, and
 - b. The estimated waste acceptance rate for each year of the five years for which an NMOC emission rate is estimated.

The NMOC emission rate shall be calculated in accordance with procedures contained in 40 CFR 60.754(a) or (b), as applicable. All data, calculations, sample reports and measurements upon which the estimate is based shall be presented with the report to the Director, Southwest Regional Office. The estimate shall be revised at least every five years. One copy of the five-year NMOC emission report shall be

submitted to the U.S. Environmental Protection Agency at the address specified in Condition III.D.10.

(9 VAC 5-80-110, 9 VAC 5-50-410, 40 CFR 60.757(b)(1)(ii), and Condition 9 of the minor NSR permit dated 8/20/08)

3. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the five-year estimate, a revised five-year estimate shall be submitted to the Director, Southwest Regional Office. The revised estimate shall cover the five year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate and shall be submitted within 180 days of the first exceedance of the estimated waste acceptance rate. One copy of the revised NMOC emission report shall be submitted to the U.S. Environmental Protection Agency at the address specified in Condition III.D.10. (9 VAC 5-80-110, 9 VAC 5-50-410, 40 CFR 60.757(b)(1)(ii), and Condition 10 of the minor NSR permit dated 8/20/08)
4. If, using a site specific NMOC concentration, the NMOC emission rate is equal to or exceeds 50 megagrams per year, the permittee shall:
 - a. Submit an LFG gas collection system and control plan to the Director, Southwest Regional Office, or
 - b. Within one year of the emission rate report in Condition III.D.1. or Condition III.D.3., demonstrate using a site specific methane generation constant (Tier 3), that NMOC emission do not equal or exceed 50 megagrams per year, submit a revised NMOC emission rate report to the Director, Southwest Regional Office and resume annual NMOC emission rate reporting.

One copy of the LFG gas collection system and control plan shall be submitted to the U.S. Environmental Protection Agency at the address specified in Condition III.D.10.

(9 VAC 5-80-110, 40 CFR 60.757(c)(2), 40 CFR 60.754(a)(3)(ii), and Condition 12 of the minor NSR permit dated 8/20/08)

5. The landfill gas collection and control system design plan required by Condition III.D.4. shall be submitted to the Director, Southwest Regional Office, within one year after submitting the NMOC emission rate report required in Condition III.D.1. or Condition III.D.3., reporting an NMOC emission rate which equals or exceeds 50 megagrams per year. (9 VAC 5-80-110, 9 VAC 5-50-410, 40 CFR 60.752(b)(2)(i), 40 CFR 60.757(c), and Condition 13 of the minor NSR permit dated 8/20/08)
6. If the permittee is required to install a gas collection and control system according to the provisions of 9 VAC 5-50-410 Subpart WWW, the permittee shall apply for a solid waste permit amendment in accordance with Part VII (9 VAC 20-80-480 et seq.) of 9 VAC 20 Chapter 80 (Solid Waste Management Regulations). (9 VAC 5-80-110 and Condition 14 of the minor NSR permit dated 8/20/08)

7. If the permittee is required to install a gas collection and control system according to the provisions of 9 VAC 5-50-410 Subpart WWW, the permittee shall apply for a Title V operating permit modification within 90 days of date of approval of the gas collection and control plan.
 (9 VAC 5-80-110, 9 VAC 5-80-230, and Condition 15 of the minor NSR permit dated 8/20/08)
8. Within 30 days of the date the MSW landfill stopped accepting waste, the permittee shall submit a closure report to the Director, Southwest Regional Office.
 (9 VAC 5-80-110, 9 VAC 5-50-410, 40 CFR 60.757(d), and Condition 16 of the minor NSR permit dated 8/20/08)
9. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Director, Southwest Regional Office by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the DEQ.
 (9 VAC 5-80-110, 9 VAC 5-80-340 C, and Condition 17 of the minor NSR permit dated 8/20/08)
10. The permittee shall send copies of written notifications and reports required by this section to:

Associate Director
 Office of Air Enforcement (3AP10)
 U.S. Environmental Protection Agency
 Region III
 1650 Arch Street
 Philadelphia, PA 19103-2029
 (9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 18 of the minor NSR permit dated 8/20/08)

IV. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant Emitted (9 VAC 5-80-720 B.)	Rated Capacity (9 VAC 5-80-720 C.)
-----	Two propane-fueled space heaters located in maintenance garage	9 VAC 5-80-720 A	-----	-----

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110.
(9 VAC 5-80-720 and 9 VAC 5-80-110)

V. Permit Shield & Inapplicable Requirements

Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements that have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
None Identified	N/A	N/A

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9 VAC 5-80-140)

VI. General Conditions

A. Federal Enforceability

All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9 VAC 5-80-110 N)

B. Permit Expiration

This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9 VAC 5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

1. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

2. If an applicant submits a timely and complete application for an initial permit or renewal under this section, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9 VAC 5 Chapter 80, until the Board takes final action on the application under 9 VAC 5-80-150.
3. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9 VAC 5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9 VAC 5 Chapter 80.
4. If an applicant submits a timely and complete application under section 9 VAC 5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all terms and conditions of the previous permit, including any permit shield granted pursuant to 9 VAC 5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.
5. The protection under subsections F 1 and F 5 (ii) of section 9 VAC 5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9 VAC 5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.
(9 VAC 5-80-80 B, C and F, 9 VAC 5-80-110 D, and 9 VAC 5-80-170 B)

C. Recordkeeping and Reporting

1. All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:
 - a. The date, place as defined in the permit, and time of sampling or measurements.
 - b. The date(s) analyses were performed.
 - c. The company or entity that performed the analyses.
 - d. The analytical techniques or methods used.
 - e. The results of such analyses.
 - f. The operating conditions existing at the time of sampling or measurement.
(9 VAC 5-80-110 F)

2. Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
(9 VAC 5-80-110 F)
3. The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than **March 1** and **September 1** of each calendar year. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:
 - a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31.
 - b. All deviations from permit requirements. For purposes of this permit, deviations include, but are not limited to:
 - (i) Exceedance of emissions limitations or operational restrictions;
 - (ii) Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or compliance assurance monitoring which indicates an exceedance of emission limitations or operational restrictions; or,
 - (iii) Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.
 - c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."
(9 VAC 5-80-110 F)

D. Annual Compliance Certification

Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than **March 1** each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. This certification shall be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:

1. The time period included in the certification. The time period to be addressed is January 1 to December 31.
2. The identification of each term or condition of the permit that is the basis of the certification.
3. The compliance status.

4. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance.
5. Consistent with subsection 9 VAC 5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period.
6. Such other facts as the permit may require to determine the compliance status of the source.

One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov.

(9 VAC 5-80-110 K.5)

E. Permit Deviation Reporting

The permittee shall notify the Director, Southwest Regional Office, within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to General Condition VI.C.3 of this permit.
(9 VAC 5-80-110 F.2 and 9 VAC 5-80-250)

F. Failure/Malfunction Reporting

In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall, as soon as practicable but no later than four daytime business hours after the malfunction is discovered, notify the Director, Southwest Regional Office by facsimile transmission, telephone or telegraph of such failure or malfunction and shall within two weeks of discovery provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. Owners subject to the requirements of 9 VAC 5-40-50 C and 9 VAC 5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9 VAC 5-40-40 and 9 VAC 5-50-40. When the condition causing the failure or malfunction has been corrected and the facility and control equipment is again in operation, the owner shall notify the Director, Southwest Regional Office.
(9 VAC 5-20-180 C)

G. Severability

The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or

inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9 VAC 5-80-110 G.1)

H. Duty to Comply

The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9 VAC 5-80-110 G.2)

I. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9 VAC 5-80-110 G.3)

J. Permit Modification

A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9 VAC 5-80-50, 9 VAC 5-80-1100, 9 VAC 5-80-1605, or 9 VAC 5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9 VAC 5-80-190 and 9 VAC 5-80-260)

K. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege.
(9 VAC 5-80-110 G.5)

L. Duty to Submit Information

1. The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9 VAC 5-80-110 G.6)
2. Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9 VAC 5-80-80 G.
(9 VAC 5-80-110 K.1)

M. Duty to Pay Permit Fees

The owner of any source for which a permit under 9 VAC 5-80-50 through 9 VAC 5-80-300 was issued shall pay permit fees consistent with the requirements of 9 VAC 5-80-310 through 9 VAC 5-80-350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by **April 15** of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department.
(9 VAC 5-80-110 H and 9 VAC 5-80-340 C)

N. Fugitive Dust Emission Standards

During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;
2. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;
3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or other similar operations;
4. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne, shall be covered or treated in an equally effective manner at all times when in motion; and,
5. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9 VAC 5-50-90 and Condition 4 of the minor NSR permit dated 8/20/08)

O. Startup, Shutdown, and Malfunction

At all times, including periods of startup, shutdown, soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

(9 VAC 5-50-20 E)

P. Alternative Operating Scenarios

Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9 VAC 5 Chapter 80, Article 1. (9 VAC 5-80-110 J)

Q. Inspection and Entry Requirements

The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

1. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.
2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.
3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
4. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9 VAC 5-80-110 K.2)

R. Reopening For Cause

The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9 VAC 5-80-80 F.

1. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
2. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

3. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9 VAC 5-80-110 D.
(9 VAC 5-80-110 L)

S. Permit Availability

Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9 VAC 5-80-150 E)

T. Transfer of Permits

1. No person shall transfer a permit from one location to another, unless authorized under 9 VAC 5-80-130, or from one piece of equipment to another.
(9 VAC 5-80-160)
2. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)
3. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

U. Malfunction as an Affirmative Defense

1. A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the requirements of paragraph 2 of this condition are met.
2. The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:
 - a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.
 - b. The permitted facility was at the time being properly operated.
 - c. During the period of malfunction, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit.
 - d. The permittee notified the Board of the malfunction within two working days following the time when the emission limitations were exceeded due to the

malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, or any other method that allows the permittee to comply with the deadline. This notice fulfills the requirement of 9 VAC 5-80-110 F 2 b to report promptly deviations from permit requirements. This notification does not release the permittee from the malfunction reporting requirement under 9 VAC 5-20-180 C.

3. In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof.
4. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any applicable requirement.
(9 VAC 5-80-250)

V. Permit Revocation or Termination for Cause

A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9 VAC 5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe, any permit for any of the grounds for revocation or termination or for any other violations of these regulations.
(9 VAC 5-80-190 C and 9 VAC 5-80-260)

W. Duty to Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9 VAC 5-80-80 E)

X. Stratospheric Ozone Protection

If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)

Y. Asbestos Requirements

The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for

Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9 VAC 5-60-70 and 9 VAC 5-80-110 A.1)

Z. Accidental Release Prevention

If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)

AA. Changes to Permits for Emissions Trading

No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9 VAC 5-80-110 I)

BB. Emissions Trading

Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

1. All terms and conditions required under 9 VAC 5-80-110, except subsection N, shall be included to determine compliance.
2. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.
3. The owner shall meet all applicable requirements including the requirements of 9 VAC 5-80-50 through 9 VAC 5-80-300.
(9 VAC 5-80-110 I)