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**west virginia department of environmental protection**

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Division of Air Quality  
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Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

August 29, 2016

CERTIFIED MAIL  
91 7199 9991 7034 1380 3076

Mr. Scott Stephenson, Plant Engineering Manager  
Kingsford Manufacturing Company  
P.O. Box 464  
Parsons, WV 26287

**RE: Permit Issuance**  
Kingsford Manufacturing Company  
Parsons Plant  
Permit Application: R13-1608H  
Plant ID No.: 093-00004

Dear Mr. Stephenson:

Your application for a Class II Administrative Update as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit R13-1608H is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

Please note, the source is subject to 45CSR30. Changes authorized by this permit must also be incorporated into the facility's Title V operating permit. Commencement of the operations authorized by this permit shall be determined by the appropriate timing limitations associated with Title V permit revisions per 45CSR30.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1219.

Sincerely,

Joe Kessler, PE  
Engineer

Enclosures

*West Virginia Department of Environmental Protection*  
Earl Ray Tomblin  
Governor

*Division of Air Quality*

Randy C. Huffman  
Cabinet Secretary

# Class II Administrative Update



**R13-1608H**

*This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§22-5-1 et seq.) and 45 C.S.R. 13 – Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. The permittee identified at the above-referenced facility is authorized to construct the stationary sources of air pollutants identified herein in accordance with all terms and conditions of this permit.*

*Issued to:*

**Kingsford Manufacturing Company  
Parsons Plant  
093-00004**

A blue ink signature of William F. Durham, written in a cursive style, is positioned above a horizontal line.

*William F. Durham*  
Director

*Issued: August 29, 2016*

*This permit will supersede and replace Permit R13-1608G issued on August 20, 2012.*

Facility Location: 2 miles south of Parson on U.S. 219.  
Parsons, Tucker County, West Virginia  
Mailing Address: P.O. Box 464  
Parsons, WV 26287  
Facility Description: Charcoal Manufacturing Facility  
SIC/NAICS Codes: 2861/325191  
UTM Coordinates: 613.2 km Easting • 4,326.2 km Northing • Zone 17  
Latitude/Longitude: 39.07937/-79.69207  
Permit Type: Class II Administrative Update  
Description of Change: Class II Administrative Update (A/U) for the: replacement of one (1) existing screening operation (E-02-03) on their existing raw material handling system, (2) removal of the existing retort char surge bin (E-06-0G) and its associated fabric filter dust collector (C-33), (3) installation of a pneumatic conveyor to transfer lime from the existing bulk lime unloading operation (EU-02-0E) to the existing bulk lime tank (EU-06-06) and replace an existing fabric filter (C-15) on the lime use tank (EU-06-09).

*Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.*

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*The source is subject to 45CSR30. Changes authorized by this permit must also be incorporated into the facility's Title V operating permit. Commencement of the operations authorized by this permit shall be determined by the appropriate timing limitations associated with Title V permit revisions per 45CSR30.*

**Table of Contents**

**1.0. Emission Units.....4**

**2.0. General Conditions.....6**

    2.1. Definitions .....6

    2.2. Acronyms .....6

    2.3. Authority .....7

    2.4. Term and Renewal.....7

    2.5. Duty to Comply .....7

    2.6. Duty to Provide Information.....7

    2.7. Duty to Supplement and Correct Information .....8

    2.8. Administrative Update.....8

    2.9. Permit Modification.....8

    2.10 Major Permit Modification.....8

    2.11. Inspection and Entry.....8

    2.12. Emergency .....8

    2.13. Need to Halt or Reduce Activity Not a Defense.....9

    2.14. Suspension of Activities .....9

    2.15. Property Rights.....9

    2.16. Severability.....10

    2.17. Transferability .....10

    2.18. Notification Requirements.....10

    2.19. Credible Evidence .....10

**3.0. Facility-Wide Requirements .....11**

    3.1. Limitations and Standards .....11

    3.2. Monitoring Requirements.....11

    3.3. Testing Requirements .....11

    3.4. Recordkeeping Requirements.....12

    3.5. Reporting Requirements.....13

**4.0. Source-Specific Requirements .....15**

    4.1. Limitations and Standards .....15

    4.2. Monitoring Requirements.....18

    4.3. Testing Requirements .....19

    4.4. Recordkeeping Requirements.....19

    4.5. Reporting Requirements.....20

**APPENDIX A–Example Opacity Record.....21**

**CERTIFICATION OF DATA ACCURACY.....22**

**1.0. Emission Units**

<b>Emission Unit ID</b>	<b>Emission Point ID</b>	<b>Emission Unit Description</b>	<b>Control Device</b>
E-02-0C	S-09	Primary Char Hammermill	FE
E-02-0D	S-09	Secondary Hammermill	FE
E-02-02	S-09	Primary Wood Screen (2012)	None
E-02-03	S-09	Secondary Wood Screen (2016)	None
E-02-01	S-09	Wood Infeed Drag Pit to 48" Belt	None
E-02-0E	S-09	Bulk Lime Truck Unloading System (2015)	FE
E-03-01	S-01-01	Wood Dryer and Outlet Box Retort Furnace (Under normal operations, a portion of ACC exhaust gases are vented through Briquet Dryers' stacks S-01-03, S-01-04, S-01N-05, S-01N-06 to provide heat to the Briquet Dryers E-03-02 and E-03-03N)	(4) Dryer cyclone C-05, and (4) Furnace cyclones C-06 Vented through After Combustion Chamber C-08 (ACC) 99% destruction efficiency for VOC and CO
E-03-02	S-01-03 S-01-04	Aeroglide Briquet Dryer #1 (two stacks one at the green end of the Dryer (S-01-03) and one at the dry end of the Dryer (S-01-04))	None
E-03-03N	S-01N-05 S-01N-06	Aeroglide Briquet Dryer #2 (two stacks one at the green end of the Dryer (S-01N-03) and one at the dry end of the Dryer (S-01N-04))	None
E-04-01	S-02N-01 S-02-02 S-02-03	Briquet Cooler #1 (exhausted through three stacks)	None
E-04-02N	S-03N-01 S-03N-02 S-03N-03	Briquet Cooler #2 (exhausted through three stacks)	None
E-06-05	S-13	Retort Char Tanks and Transfer Point (Two Tanks)	FF (C-11)
E-06-06	S-14	125 Ton Bulk Lime Tank	FF (C-12)
E-06-07	S-15	Dry Storage, Bulk nitrate tank	Bin Vent w/FF
E-06-08	S-16	Dry Storage, Bulk starch tank	Bin Vent w/FF
E-06-09	S-17	6 Ton Lime Use Tank	FF (C-15)
E-06-0A	S-18	Dry Storage, Starch use tank	Bin Vent w/FF
E-06-0C	S-20	Dry Storage, Borax use tank	Bin Vent w/FF
E-06-0E	S-22	Bulk Mixing System, Muller Vent	Partial Enclosure
E-06-0F	S-23	Dry Storage, Minors Batching System	Wet Scrubber C-21 99.5%
E-07-01	S-07-01	43 MMBtu/hr Natural gas (NG) burner and 50 MMBtu/hr low Nox NG burner to provide heat to ACC during start-ups and system interruptions	None
		83 MMBtu/hr NG "auxiliary burner" to provide heat to the Briquet Dryers when the ACC is not operating	None

<b>Emission Unit ID</b>	<b>Emission Point ID</b>	<b>Emission Unit Description</b>	<b>Control Device</b>
E-08-01	S-06	Briquet Dryer Discharge Conveyors (Manufacturing & Briquet)	Dust Collector
E-08-02A	S-07	Briquet packaging lines – weigh scales	Dust Collector
E-08-02B	S-07	Briquet packaging lines – Bag filling operation	Dust Collector
E-08-03A	S-08	Finished briquet handling – Silo in-feed bucket elevator	Dust Collector
E-08-03B	S-08	Finished briquet handling – Silo in-feed conveyor	Dust Collector
E-08-03C	S-08	Finished briquet handling – Briquet Storage Silos (4)	Dust Collector
E-08-03D	S-08	Finished briquet handling – Line A take away conveyors	Dust Collector
E-08-03E	S-08	Finished briquet handling – Line B take away conveyors	Dust Collector
E-08-03F	S-08	Finished briquet handling – Line A bucket elevator	Dust Collector
E-08-03G	S-08	Finished briquet handling – Line A transfer conveyors	Dust Collector
E-08-03H	S-25	Packaging Scale Bin In-feed	FF (C-35)
E-08-0	S-08	Bulk Storage	Dust Collector

FE – Full Enclosure

FF – Fabric Filter Baghouse

## 2.0. General Conditions

### 2.1. Definitions

- 2.1.1. All references to the “West Virginia Air Pollution Control Act” or the “Air Pollution Control Act” mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.
- 2.1.2. The “Clean Air Act” means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.
- 2.1.3. “Secretary” means the Secretary of the Department of Environmental Protection or such other person to whom the Secretary has delegated authority or duties pursuant to W.Va. Code §§ 22-1-6 or 22-1-8 (45CSR§30-2.12.). The Director of the Division of Air Quality is the Secretary’s designated representative for the purposes of this permit.

### 2.2. Acronyms

<b>CAAA</b>	Clean Air Act Amendments	<b>NO<sub>x</sub></b>	Nitrogen Oxides
<b>CBI</b>	Confidential Business Information	<b>NSPS</b>	New Source Performance Standards
<b>CEM</b>	Continuous Emission Monitor	<b>PM</b>	Particulate Matter
<b>CES</b>	Certified Emission Statement	<b>PM<sub>2.5</sub></b>	Particulate Matter less than 2.5 μm in diameter
<b>C.F.R. or CFR</b>	Code of Federal Regulations	<b>PM<sub>10</sub></b>	Particulate Matter less than 10μm in diameter
<b>CO</b>	Carbon Monoxide	<b>Ppb</b>	Pounds per Batch
<b>C.S.R. or CSR</b>	Codes of State Rules	<b>Pph</b>	Pounds per Hour
<b>DAQ</b>	Division of Air Quality	<b>Ppm</b>	Parts per Million
<b>DEP</b>	Department of Environmental Protection	<b>Ppmv or ppmv</b>	Parts per Million by Volume
<b>dscm</b>	Dry Standard Cubic Meter	<b>PSD</b>	Prevention of Significant Deterioration
<b>FOIA</b>	Freedom of Information Act	<b>Psi</b>	Pounds per Square Inch
<b>HAP</b>	Hazardous Air Pollutant	<b>SIC</b>	Standard Industrial Classification
<b>HON</b>	Hazardous Organic NESHAP	<b>SIP</b>	State Implementation Plan
<b>HP</b>	Horsepower	<b>SO<sub>2</sub></b>	Sulfur Dioxide
<b>lbs/hr</b>	Pounds per Hour	<b>TAP</b>	Toxic Air Pollutant
<b>LDAR</b>	Leak Detection and Repair	<b>TPY</b>	Tons per Year
<b>M</b>	Thousand	<b>TRS</b>	Total Reduced Sulfur
<b>MACT</b>	Maximum Achievable Control Technology	<b>TSP</b>	Total Suspended Particulate
<b>MDHI</b>	Maximum Design Heat Input	<b>USEPA</b>	United States Environmental Protection Agency
<b>MM</b>	Million	<b>UTM</b>	Universal Transverse Mercator
<b>MMBtu/hr or mmbtu/hr</b>	Million British Thermal Units per Hour	<b>VEE</b>	Visual Emissions Evaluation
<b>MMCF/hr or mmcf/hr</b>	Million Cubic Feet per Hour	<b>VOC</b>	Volatile Organic Compounds
<b>NA</b>	Not Applicable	<b>VOL</b>	Volatile Organic Liquids
<b>NAAQS</b>	National Ambient Air Quality Standards		
<b>NESHAPS</b>	National Emissions Standards for Hazardous Air Pollutants		

### **2.3. Authority**

This permit is issued in accordance with West Virginia air pollution control law W.Va. Code §§ 22-5-1. et seq. and the following Legislative Rules promulgated thereunder:

- 2.3.1. 45CSR13 – *Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation.*

### **2.4. Term and Renewal**

- 2.4.1. This permit supersedes and replaces previously issued Permit R13-1608G. This Permit shall remain valid, continuous and in effect unless it is revised, suspended, revoked or otherwise changed under an applicable provision of 45CSR13 or any other applicable legislative rule;

### **2.5. Duty to Comply**

- 2.5.1. The permitted facility shall be constructed and operated in accordance with the plans and specifications filed in Permit Application R13-1608 through R13-1608H and any modifications, administrative updates, or amendments thereto. The Secretary may suspend or revoke a permit if the plans and specifications upon which the approval was based are not adhered to; [45CSR§§13-5.11 and -10.3.]
- 2.5.2. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA;
- 2.5.3. Violations of any of the conditions contained in this permit, or incorporated herein by reference, may subject the permittee to civil and/or criminal penalties for each violation and further action or remedies as provided by West Virginia Code 22-5-6 and 22-5-7;
- 2.5.4. Approval of this permit does not relieve the permittee herein of the responsibility to apply for and obtain all other permits, licenses, and/or approvals from other agencies; i.e., local, state, and federal, which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted.

### **2.6. Duty to Provide Information**

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for administratively updating, modifying, revoking, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.

## **2.7. Duty to Supplement and Correct Information**

Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Secretary such supplemental facts or corrected information.

## **2.8. Administrative Update**

The permittee may request an administrative update to this permit as defined in and according to the procedures specified in 45CSR13.  
[45CSR§13-4.]

## **2.9. Permit Modification**

The permittee may request a minor modification to this permit as defined in and according to the procedures specified in 45CSR13.  
[45CSR§13-5.4.]

## **2.10 Major Permit Modification**

The permittee may request a major modification as defined in and according to the procedures specified in 45CSR14 or 45CSR19, as appropriate.  
[45CSR§13-5.1]

## **2.11. Inspection and Entry**

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

- a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
- d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

## **2.12. Emergency**

- 2.12.1. An "emergency" means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by

improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

- 2.12.2. Effect of any emergency. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of Section 2.12.3 are met.
- 2.12.3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
  - a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
  - b. The permitted facility was at the time being properly operated;
  - c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
  - d. The permittee submitted notice of the emergency to the Secretary within one (1) working day of the time when emission limitations were exceeded due to the emergency and made a request for variance, and as applicable rules provide. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- 2.12.4. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- 2.12.5. The provisions of this section are in addition to any emergency or upset provision contained in any applicable requirement.

### **2.13. Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it should have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.

### **2.14. Suspension of Activities**

In the event the permittee should deem it necessary to suspend, for a period in excess of sixty (60) consecutive calendar days, the operations authorized by this permit, the permittee shall notify the Secretary, in writing, within two (2) calendar weeks of the passing of the sixtieth (60) day of the suspension period.

### **2.15. Property Rights**

This permit does not convey any property rights of any sort or any exclusive privilege.

**2.16. Severability**

The provisions of this permit are severable and should any provision(s) be declared by a court of competent jurisdiction to be invalid or unenforceable, all other provisions shall remain in full force and effect.

**2.17. Transferability**

This permit is transferable in accordance with the requirements outlined in Section 10.1 of 45CSR13. [45CSR§13-10.1.]

**2.18. Notification Requirements**

The permittee shall notify the Secretary, in writing, no later than thirty (30) calendar days after the actual startup of the operations authorized under this permit.

**2.19. Credible Evidence**

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defense otherwise available to the permittee including, but not limited to, any challenge to the credible evidence rule in the context of any future proceeding.

### 3.0. Facility-Wide Requirements

#### 3.1. Limitations and Standards

- 3.1.1. **Open burning.** The open burning of refuse by any person, firm, corporation, association or public agency is prohibited except as noted in 45CSR§6-3.1.  
[45CSR§6-3.1.]
- 3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible.  
[45CSR§6-3.2.]
- 3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee, owner, or operator must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(i). The USEPA, the Division of Waste Management, and the Bureau for Public Health - Environmental Health require a copy of this notice to be sent to them.  
[40CFR§61.145(b) and 45CSR§34]
- 3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public.  
[45CSR§4-3.1] *[State Enforceable Only]*
- 3.1.5. **Permanent shutdown.** A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Secretary, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown.  
[45CSR§13-10.5.]
- 3.1.6. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45CSR11.  
[45CSR§11-5.2.]

#### 3.2. Monitoring Requirements *[Reserved]*

#### 3.3. Testing Requirements

- 3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary

exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

- a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63 in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4. or 45CSR§13-5.4 as applicable.
- b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4. or 45CSR§13-5.4 as applicable.
- c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.
- d. The permittee shall submit a report of the results of the stack test within sixty (60) days of completion of the test. The test report shall provide the information necessary to document the objectives of the test and to determine whether proper procedures were used to accomplish these objectives. The report shall include the following: the certification described in paragraph 3.5.1.; a statement of compliance status, also signed by a responsible official; and, a summary of conditions which form the basis for the compliance status evaluation. The summary of conditions shall include the following:
  1. The permit or rule evaluated, with the citation number and language;
  2. The result of the test for each permit or rule condition; and,
  3. A statement of compliance or noncompliance with each permit or rule condition.

[WV Code § 22-5-4(a)(14-15) and 45CSR13]

### **3.4. Recordkeeping Requirements**

- 3.4.1. **Retention of records.** The permittee shall maintain records of all information (including monitoring data, support information, reports, and notifications) required by this permit recorded

in a form suitable and readily available for expeditious inspection and review. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation. The files shall be maintained for at least five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two (2) years of data shall be maintained on site. The remaining three (3) years of data may be maintained off site, but must remain accessible within a reasonable time. Where appropriate, the permittee may maintain records electronically (on a computer, on computer floppy disks, CDs, DVDs, or magnetic tape disks), on microfilm, or on microfiche.

- 3.4.2. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken.  
[45CSR§4. *State Enforceable Only.*]

### 3.5. Reporting Requirements

- 3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- 3.5.2. **Confidential information.** A permittee may request confidential treatment for the submission of reporting required by this permit pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.
- 3.5.3. **Correspondence.** All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

**If to the DAQ:**  
Director  
WVDEP  
Division of Air Quality  
601 57<sup>th</sup> Street  
Charleston, WV 25304-2345

**If to the US EPA:**  
Associate Director  
Office of Air Enforcement and Compliance  
Assistance  
(3AP20)  
U. S. Environmental Protection Agency  
Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

#### 3.5.4. Operating Fee

- 3.5.4.1. In accordance with 45CSR30 – Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

- 3.5.5. **Emission inventory.** At such time(s) as the Secretary may designate, the permittee herein shall prepare and submit an emission inventory for the previous year, addressing the emissions from the facility and/or process(es) authorized herein, in accordance with the emission inventory submittal requirements of the Division of Air Quality. After the initial submittal, the Secretary may, based upon the type and quantity of the pollutants emitted, establish a frequency other than on an annual basis.

#### 4.0. Source-Specific Requirements

##### 4.1. Limitations and Standards

- 4.1.1. Under this permit the Parsons Plant is authorized to install and operate the pollutant-emitting equipment and associated control devices as identified in the Table 1.0 of this permit.
- 4.1.2. The Wood Dryer/Retort Furnace system (E-03-01) processing rate shall not exceed 38.5 tons per hour of dry wood and 209,000 tons per year of dry wood.
- 4.1.3. The Briquet Dryer/Cooler system (E-03-02, E-03-03N, E-04-01, E-04-02N) processing rate shall not exceed 24 tons per hour of dry packaged briquettes and 154,000 tons per year of dry packaged briquets (excluding weight of the solvent and packaging material).
- 4.1.4. Compliance with the hourly maximum processing rates listed in Conditions 4.1.2. and 4.1.3. shall be calculated on the basis of a rolling 30-day average expressed in tons per hour based on the hours of production for any specific 30-day period. Compliance with the yearly maximum processing rates in Conditions 4.1.2. and 4.1.3. shall be determined using rolling yearly totals. A rolling yearly total shall mean the sum of material processed, in tons, at the end of each month for that month and the previous 11 months.
- 4.1.5. Emissions generated as a result of the operation of the Wood Dryer/Retort Furnace (E-03-01) shall be routed to and combusted by the After Combustion Chamber (ACC, control device C-08) prior to their release to the atmosphere.
- 4.1.6. Summary of emissions to the atmosphere from ACC stack (Emission point S-01-01) and Briquet Dryers' stacks (Emission points S-01-03, S-01-04, S-01N-05, S-01N-06) shall not exceed the following:

Table 4.1.6. Emission Limits for the ACC and Briquet Dryers			
Emission Points	Pollutant	Hourly Emission (lbs/hr)	Annual Emissions (TPY)
S-01-01	NO <sub>x</sub>	87.5	237.51
	CO	11.9	13.31
S-01-03	VOC	2.65	6.65
S-01-04	SO <sub>2</sub>	23.8	64.6
S-01N-05	PM	62.6	175.78
S-01N-06	PM <sub>10</sub>	46.5	129.07
	Methanol	-	3.7

- 4.1.7. Emissions to the atmosphere from the Wood Dryer/Retort Furnace (E-03-01) vented through ACC stack (Emission point S-01-01) shall be limited to the following when the Briquet Dryers are in operation:

Table 4.1.7. Emission Limits from the Wood Dryer/Retort Furnace			
Emission Points	Pollutant	Hourly Emission (lbs/hr)	Annual Emissions (TPY)
S-01-01	NO <sub>x</sub>	74.4	201.88
	CO	5.9	1.0
	VOC	1.0	1.15
	SO <sub>2</sub>	20.23	54.91
	PM	50.6	137.28
	PM <sub>10</sub>	40.5	109.82
	Methanol	-	3.15

- 4.1.8. Total emissions to the atmosphere from the Briquet Dryers' (E-03-02 and E-03-03N) stacks (Emission points S-01-03, S-01-04, S-01N-05, S-01N-06 ) shall be limited to the following:

Table 4.1.8. Emission Limits from the Briquet Dryers			
Emission Points	Pollutant	Hourly Emission (lbs/hr)	Annual Emissions (TPY)
S-01-03	NO <sub>x</sub>	13.13	35.63
	CO	6	12.31
S-01-04	VOC	1.65	5.5
S01N-05	SO <sub>2</sub>	3.57	9.69
S-01N-6	PM	12	38.5
	PM <sub>10</sub>	6	19.25
	Methanol	-	0.55

- 4.1.9. Total emissions to the atmosphere from the Briquet Coolers' (E-04-01 and E-04-02N) stacks (Emission points S-02-01, S-02-02, S-02-03, S-03N-01, S-03N-02, S-03N-03) shall be limited to the following:

Table 4.1.9. Emission Limits from the Briquet Coolers			
Emission Points	Pollutant	Maximum Allowable Emissions	Maximum Allowable Emissions

		(lbs/hr)	(TPY)
S-02-01 S-02-02 S02-03	PM	12	38.5
S-03N-01 S-03N-02 S-03N-03	PM <sub>10</sub>	6	19.25

- 4.1.10. Emissions of particulate matter from the starch, nitrate, and borax mixing tanks shall be vented to the 99.5% efficiency wet scrubber. Emissions from the scrubber shall not exceed 0.2 lb/hr of PM (Emission Point S-23).
- 4.1.11. The ACC average combustion chamber temperature shall be maintained at or above 1,600°F on a 3-hour average during normal operations (not including periods of system startup, shutdown or maintenance). The permittee may establish a lower ACC combustion chamber temperature by conducting a performance test at the lower temperature while demonstrating compliance with the emission limitations of Conditions 4.1.7. and 4.1.8.
- 4.1.12. The ACC shall be operated such that the average combustion chamber temperature does not drop more than 50F below temperature specified in Condition 4.1.11. for periods of time which do not exceed three (3) hours during normal operations (not including periods of system startup, shutdown or maintenance).
- 4.1.13. The briquet handling operations pertaining to the Packaging Scale Bin In-feed, which is identified as Emission Unit EU-08-03H, shall be limited to the following limitations:
- a. Emissions of particulate matter and particulate matter less than 10 micros (PM<sub>10</sub>) from Emission Point S-25 shall not exceed 0.73 pounds per hour.
  - b. Visible emission from Emission Point S-25 shall not exceed 20% opacity.
  - c. There is no annual operational restriction or limitation for the Packaging Scale Bin In-feed System.
- 4.1.14. The control devices and procedures, specified in the Permit Applications R13-1608 through R13-1608H and any following amendments, shall be maintained and operated to control and minimize any fugitive escape of pollutants including but not limited to: enclosures, water sprays with winterization (on outside material handling operations and plant roads), bin vents with fabric filters, and dust collectors.  
**[45CSR§§7-3.7. and 5.2.]**
- 4.1.15. No person shall cause, suffer, allow, or permit emissions of smoke and/or particulate matter into the open air from any process source operation greater than twenty (20) percent opacity, except as noted in subsections 3.2, 3.3, 3.4, 3.5, 3.6, and 3.7.  
**[45CSR§7-3.1.]**
- 4.1.16. Due to unavoidable malfunction of equipment, emissions exceeding those set forth in this rule may be permitted by the Director for periods not to exceed ten (10) days upon specific application to the Director. Such application shall be made within twenty-four (24) hours of the malfunction. In cases of major equipment failure, additional time periods may be granted by the Director provided a corrective program has been submitted by the owner or operator and approved by the Director.  
**[45CSR§7-9.1]**

4.1.17. Maintenance operations shall be exempt from the provisions of section 4 provided that at all times the owner or operator shall conduct maintenance operations in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures and inspection of the source.  
[45CSR§7-10.3]

4.1.18. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.  
[45CSR§13-5.11.]

## 4.2. Monitoring Requirements

4.2.1. The following information shall be recorded and maintained in accordance with Condition 3.4.1. of this permit.

- a. Amount of dry wood charged to the Wood Dryer/Retort Furnace (E-03-01) on a daily basis;
- b. Total weight of dry briquettes produced by the facility on a daily basis (excluding weight of the solvent and packaging material);
- c. Hours of operation for Wood Dryer, Retort Furnace, Briquet Dryers and Briquet Coolers on a daily basis;
- d. Hourly dry wood and dry packaged briquettes processing rate calculated as per Condition 4.1.4.;
- e. Yearly dry wood and dry packaged briquettes processing rate calculated as per Condition 4.1.4.; and
- f. Amount of natural gas charged to the (3) 50 MMBtu/hr natural gas burners on a per month basis.

4.2.2. Compliance with Section 3 of 45CSR7 shall be determined by conducting visible emissions checks in accordance with Method 22 of 40 CFR 60, Appendix A. These checks shall be conducted during periods of normal facility operation. If sources of visible emissions are identified during the checks, or at any other time, the permittee shall conduct an opacity evaluation as outlined in 45 CSR 7A-2.1.a,b within a 24 hour period unless the permittee can demonstrate a valid reason that the time frame should be extended. A 45 CSR 7A-2.1.a,b evaluation shall not be required if the visible emission condition is corrected in a timely manner and the units are operated at normal operating conditions.

For the ACC stack outlet (emission point S-01-01) upon beginning of normal operations daily Method 22 checks shall be conducted for a minimum of 4 consecutive weeks. If in compliance, then weekly Method 22 checks shall be conducted. Anytime when not in compliance with the opacity limit per 45CSR7-3.1, then monitoring shall revert back to the daily frequency requirement and begin the progressive monitoring cycle again.

For Dry Storage Tanks or their control devices (if any) with exhaust stacks located outdoors (emission points S-15, S-16, S-24) upon beginning of normal operations weekly Method 22 checks shall be conducted for a minimum of 6 consecutive weeks. If in compliance, then monthly Method 22 checks shall be conducted. Anytime when not in compliance with the opacity limit per 45CSR7-3.7, then corrective actions shall be taken immediately and monitoring shall revert back to the weekly frequency requirement and begin the progressive monitoring cycle again.

For all remaining emission points listed in Table 1.0., and also for sources emitting directly into the open air from points other than a stack outlet (including visible fugitive dust emissions that leave the plant site boundaries), upon beginning of normal operations weekly Method 22 checks shall be conducted for a minimum of 6 consecutive weeks. If in compliance, then monthly Method 22 checks shall be conducted. Anytime when not in compliance with the opacity limit per 45CSR7-3.1, then monitoring shall revert back to the weekly frequency requirement and begin the progressive monitoring cycle again.

A record of each visible emission check required above shall be maintained in accordance with Condition 3.4.1. Said records shall include, but not be limited to, the date, time, name of emission unit, the applicable visible emission requirement, the results of the check, what actions(s), if any, was/were taken, and the name of the observer.

- 4.2.3. The permittee shall install, calibrate, maintain, and continuously operate a monitoring device with recorder for the measurement of the ACC combustion chamber temperature (E-03-01). The monitoring device is to be certified by the manufacturer to be accurate within + one (1) percent in degrees Fahrenheit. Records of the combustion chamber temperature shall be maintained in accordance with Condition 3.4.1.

### 4.3. Testing Requirements

*[Reserved]*

### 4.4. Recordkeeping Requirements

- 4.4.1. **Record of Monitoring.** The permittee shall keep records of monitoring information that include the following:
- a. The date, place as defined in this 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 the analyses; and
  - f. The operating conditions existing at the time of sampling or measurement.
- 4.4.2. **Record of Maintenance of Air Pollution Control Equipment.** For all pollution control equipment listed in Section 1.0, the permittee shall maintain accurate records of all required pollution control equipment inspection and/or preventative maintenance procedures.
- 4.4.3. **Record of Malfunctions of Air Pollution Control Equipment.** For all air pollution control equipment listed in Section 1.0, the permittee shall maintain records of the occurrence and

duration of any malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:

- a. The equipment involved.
- b. Steps taken to minimize emissions during the event.
- c. The duration of the event.
- d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

- e. The cause of the malfunction.
- f. Steps taken to correct the malfunction.
- g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

#### **4.5. Reporting Requirements**

*[Reserved]*



### CERTIFICATION OF DATA ACCURACY

I, the undersigned, hereby certify that, based on information and belief formed after reasonable inquiry, all information contained in the attached \_\_\_\_\_, representing the period beginning \_\_\_\_\_ and ending \_\_\_\_\_, and any supporting documents appended hereto, is true, accurate, and complete.

Signature<sup>1</sup>

(please use blue ink)

\_\_\_\_\_  
Responsible Official or Authorized Representative

\_\_\_\_\_  
Date

Name & Title

(please print or type)

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

Telephone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

<sup>1</sup> This form shall be signed by a "Responsible Official." "Responsible Official" means one of the following:

- a. For a corporation: The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
  - (i) the facilities employ more than 250 persons or have a gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), or
  - (ii) the delegation of authority to such representative is approved in advance by the Director;
- b. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;
- c. For a municipality, State, Federal, or other public entity: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of U.S. EPA); or
- d. The designated representative delegated with such authority and approved in advance by the Director.