

Mr. Gregory J. Steward  
Western Tar Products Corporation  
P.O. Box 270  
Terre Haute, IN 47808-0270

April 25, 2000

Re: 167-11950-00036  
Second Administrative Amendment to  
Part 70 167-5971-00036

Dear Mr. Steward:

Western Tar Products Corporation was issued a permit on December 31, 1998 for a wood manufacturing plant. A letter requesting a language correction and an addition of a Wye branch fabricated onto the cyclone dust collection system was received on February 24, 2000. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows:

Western Tar Products Corporation's minor modification incorrectly stated that the cyclone dust collection system was for a ~~4200 RPM Gang Drill~~. The modification should have stated that the dust collection system was for a **1200 RPM Brewer Inc. Golden Eagle cut off saw**.

Western Tar Products Corporation requests the addition of a Wye branch that will be fabricated onto the cyclone dust collection system, with two blast gates and a vacuum hose attached to a 36 inch pickup nozzle. The purpose of this modification is for improving housekeeping practices. This will enable the sweeping up of heavy wood shavings around the gang drill operations. The cyclone dust collection system presently collects sawdust coming from the saw operation only.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mr. Darren Woodward, at (812) 462-3433 extension 15.

Sincerely,

George M. Needham  
Director  
Vigo County Air Pollution Control

Attachments

DKW

cc: Mindy Hahn - IDEM  
Winter Bottum - IDEM

**PART 70 OPERATING PERMIT**

**OFFICE OF AIR MANAGEMENT**  
**and**  
**VIGO COUNTY AIR POLLUTION CONTROL**

**Western Tar Products Corporation**  
**2525 Prairieton Road**  
**Terre Haute, Indiana 47808-0270**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T167-5971-00036	
Issued by: Felicia R. George, Assistant Commissioner Office of Air Management	Issuance Date: December 31, 1998
First Administrative Amendment T167-11366	Issuance Date: December 14, 1999
First Minor Source Modification T167-11855	Issuance Date: February 24, 2000
First Minor Permit Modification T167-11855	Issuance Date: April 20, 2000
Second Administrative Amendment T167-11950	Page(s) Affected: 6 and 36
Issued by: George M. Needham, Director Vigo County Air Pollution Control	Issuance Date: April 25, 2000

## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) and Vigo County Air Pollution Control, and presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates a treated wood manufacturing plant.

Responsible Official: Gregory J. Steward  
Source Address: 2525 Prairieton Road, Terre Haute, Indiana 47808-0270  
Mailing Address: P.O. Box 270, Terre Haute, Indiana 47808-0270  
SIC Code: 2491,2865  
County Location: Vigo County  
County Status: Attainment area for TSP, but located within a Nonattainment county; Maintenance for Sulfur dioxide; Attainment for all other criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

- (1) One (1) boiler, identified as Boiler A, Wood Division, with a maximum capacity of 10.75 MMBtu per hour, using natural gas, propane, or No. 2 fuel oil for fuel, with no control equipment, and exhausting to stack Blr-A-WD.
- (2) One (1) boiler, identified as Boiler B, Wood Division, with a maximum capacity of 10.75 MMBtu per hour, using natural gas, propane, or No. 2 fuel oil for fuel, with no control equipment, and exhausting to stack Blr-B-WD.
- (3) One (1) process still, identified as Still, with a maximum capacity of 10,000 gallons, and a 16.0 MMBtu per hour burner, using natural gas or No. 2 fuel oil for fuel, with a scrubber for control, and exhausting to stack STILL.
- (4) Three (3) wood pressure-treat cylinders, identified as Cylinder 1, 2, and 3, with maximum capacities of 4,327 cubic feet, 4,224 cubic feet, and 2,137 cubic feet, respectively, with no control equipment, and exhausting to stacks Cyl-1, Cyl-2 and Cyl-3, respectively.

### A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour. (Tar Division, Boilers A and B);
- (2) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
- (3) Wood Division, Tanks W-1a through W-4a;
- (4) Above ground cooling tower, identified as CT #1.
- (5) Above ground separator, identified as Separator #1.

- (6) Resistance Temperature Detector, identified as TD #1.
- (7) Two (2) 500,000 gallon vertical, above ground storage tanks, identified as #19 and #20.
- (8) The installation of an indoor cyclone dust collector system for a 1200 RPM Brewer Inc. Golden Eagle cut off saw.
- (9) The installation of a Wye branch that will be fabricated onto the cyclone dust collection system, with two blast gates and a vacuum hose attached to a 36 inch pickup nozzle.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

A.5 Prior Permit Conditions Superseded [326 IAC 2]

The terms and conditions of this permit incorporate all the current applicable requirements for all emission units located at this source, and supersede all terms and conditions in all registrations and permits, including construction permits, issued prior to the date of issuance of this permit. All terms and conditions in such registrations and permits are no longer in effect.

## SECTION D.3 FACILITY OPERATION CONDITIONS

### Insignificant Activity:

- (3) Wood Division, Tanks W-1a through W-4a;
- (7) Two (2) 500,000 gallon vertical, above ground storage tanks, identified as #19 and #20.
- (8) The installation of an indoor cyclone dust collector system for a 1200 RPM Brewer Inc. Golden Eagle cut off saw.
- (9) The installation of a Wye branch that will be fabricated onto the cyclone dust collection system, with two blast gates and a vacuum hose attached to a 36 inch pickup nozzle.

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.3.1 Standards of Performance for Volatile Liquid Storage Vessels [Subpart Kb, 40 CFR 60.116b]

The owner or operator shall keep readily accessible records showing the dimensions of each of the storage vessels and an analysis showing the capacity of the storage vessels.

#### D.3.2 326 IAC 6-3-2 (Particulate Matter Limitation (PM))

The particulate matter (PM) from the saw operation shall be limited by the following equation:

$$E = 4.10 P^{0.67}$$

Where E = rate of emission in pounds per hour and  
P = process weight rate in tons per hour

The cyclone for PM control from the saw shall be in operation at all times when the saw is in operation.

### Compliance Determination Requirements

#### D.3.3 Testing Requirements [326 IAC 2-7-6(1)]

Testing of this facility is not specifically required by this permit. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

### Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

#### D.3.4 Record Keeping Requirements

- (a) Records to show compliance with Condition D.3.1 shall be kept for the life of the source.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.3.5 Reporting Requirements

The information to document compliance with Condition D.3.1 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, upon request.



**Indiana Department of Environmental Management  
Office of Air Management  
and  
Vigo County Air Pollution Control**

Technical Support Document (TSD) for an Administrative Amendment

**Source Background and Description**

**Source Name:** Western Tar Products Corporation  
**Source Location:** 2525 Prairieton Road, Terre Haute, Indiana 47808-0270  
**County:** Vigo  
**SIC Code:** 2491, 2865  
**Operation Permit No.:** 167-11950-00036 to Part 70 167-5971-00036  
**Permit Reviewer:** Darren Woodward

Vigo County Air Pollution Control (VCAPC) has reviewed an application from Western Tar Products Corporation relating to the construction and operation of a wood manufacturing plant.

**Permitted Emission Units and Pollution Control Equipment**

The source consists of the following permitted emission units and pollution control devices:

- (1) One (1) boiler, identified as Boiler A, Wood Division, with a maximum capacity of 10.75 MMBtu per hour, using natural gas, propane, or No. 2 fuel oil for fuel, with no control equipment, and exhausting to stack Blr-A-WD.
- (2) One (1) boiler, identified as Boiler B, Wood Division, with a maximum capacity of 10.75 MMBtu per hour, using natural gas, propane, or No. 2 fuel oil for fuel, with no control equipment, and exhausting to stack Blr-B-WD.
- (3) One (1) process still, identified as Still, with a maximum capacity of 10,000 gallons, and a 16.0 MMBtu per hour burner, using natural gas or No. 2 fuel oil for fuel, with a scrubber for control, and exhausting to stack STILL.
- (4) Three (3) wood pressure-treat cylinders, identified as Cylinder 1, 2, and 3, with maximum capacities of 4,327 cubic feet, 4,224 cubic feet, and 2,137 cubic feet, respectively, with no control equipment, and exhausting to stacks Cyl-1, Cyl-2 and Cyl-3, respectively.

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour. (Tar Division, Boilers A and B);
- (2) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.

- (3) Wood Division, Tanks W-1a through W-4a;
- (4) Above ground cooling tower, identified as CT #1.
- (5) Above ground separator, identified as Separator #1.
- (6) Resistance Temperature Detector, identified as TD #1.
- (7) Two (2) 500,000 gallon vertical, above ground storage tanks, identified as #19 and #20.
- (8) The installation of an indoor cyclone dust collector system for a 1200 RPM Brewer Inc. Golden Eagle cut off saw.
- (9) The installation of a Wye branch that will be fabricated onto the cyclone dust collection system, with two blast gates and a vacuum hose attached to a 36 inch pickup nozzle.

### **Existing Approvals**

The source has been operating under previous approvals including, but not limited to, the following:

- (a) Part 70 permit T167-5971-00036, issued on December 31, 1998; and
- (b) First Administrative Amendment AA167-11366-00036, issued on December 14, 1999; and
- (c) Minor Source Modification 167-11754-00036, issued on February 24, 2000; and
- (d) Minor Permit Modification 167-11855-00036, issued on April 20, 2000.

### **Enforcement Issue**

There are no enforcement actions pending.