

*West Virginia Department of Environmental Protection*

*Division of Air Quality*

*Earl Ray Tomblin  
Governor*

*Randy C. Huffman  
Cabinet Secretary*

**Class II  
General Permit G20-B  
Registration  
to Update**



for the Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation, Administrative Update and  
Operation of Hot Mix Asphalt Plants

**G20-B030C**

Issued to:

**American Asphalt of West Virginia, LLC  
St. Albans Facility  
039-00608**

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

*William F. Durham  
Director*

*Issued: November 19, 2003 • Effective: November 18, 2014*

This Class II General Permit Registration will supercede and replace permit G20-B030B.

Facility Location: St. Albans, Kanawha County, West Virginia  
Mailing Address: P.O. Box 229, Kenova, West Virginia 25530  
Facility Description: Hot mix asphalt plant  
SIC Codes: 2951 – Hot Mix Asphalt Batch Plant  
NAICS Code: 324121 – Asphalt Paving Mixture and Block Manufacturing  
UTM Coordinates: 425.63061 km Easting • 4,251.85327 km Northing • Zone 17  
Registration Type: Class II Administrative Update  
Description of Change:

Applicant proposes the addition of a wrap-a-round component (to process oversized RAP material) to the current recycled asphalt pavement (RAP) system at the existing hot mix asphalt plant.

Subject to 40CFR60 Subpart I: Yes  
Subject to 40CFR60 Subpart OOO: Yes

*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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*This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.*

General Permit Registration Number: G20-B030C  
Registrant: American Asphalt of West Virginia, Inc.  
Facility Name: St. Albans Facility  
Mailing Address: P.O. Box 229, Kenova, WV 25530

This Class II General Permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §22-5-1 et seq.) and 45CSR13 — Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. The registrant identified at the above-referenced facility is authorized to operate the stationary sources of air pollutants identified herein in accordance with all terms and conditions of the G20-B Class II General Permit.

### Emission Units

#### HMA Plant Information

Manufacturer and Model Number: Aggregate Dryer - Barber Greene #DC70

Source ID Number: BPRD-1

Maximum Hourly Production Rate: 300 lb/hr

Maximum Annual Production Rate: 485,000 tons/yr

Equipment ID No.	Description	Installation/Modification Date	Maximum Capacity		Control Equipment
<b>Equipment</b>					
BPRD-1	Rotary Dryer - Barber Greene #DC70	2010	300 tons/hour	485,000 tons/yr	APCD-1
APCD-1	Cyclone - Barber Greene #CD 90 x 105	2010			APCD-2
APCD-2	Baghouse - Barber Greene CFI 160 x 293	2010			
AH-1	Asphalt Heater - Highway Heat - 3,744 hrs/yr (can use #2 fuel oil or natural gas)	2010	10,000 gal/yr (#2 fuel oil)	2,257,000 scf/yr (natural gas)	
<b>RAP</b>					
SCR-1	Double Deck Screen	2013	60 tons/hr	97,000 tons/yr	WS
BC-1	Belt Conveyor	2014	60 tons/hr	97,000 tons/yr	
CR-1	Crusher	2014	60 tons/hr	97,000 tons/yr	WS
BC-2	Belt Conveyor	2014	60 tons/hr	97,000 tons/yr	
<b>Open Stockpile</b>					
OS-1	Stockpile - 8's	2010	12,000 tons	16,050 tons/yr	
OS-2	Stockpile - 57's	2010	12,000 tons	48,500 tons/yr	
OS-3	Stockpile - sand	2010	12,000 tons	169,750 tons/yr	
OS-4	Stockpile - Limestone Dust	2010	12,000 tons	48,500 tons/yr	
OS-5	Stockpile 11's	2010	12,000 tons	58,200 tons/yr	
OS-6	Stockpile - RAP	2013	5,000 tons	97,000 tons/yr	
OS-7	Stockpile - Oversized RAP	2014	500 tons	15,000 tons/yr	
OS-8	Stockpile - Screened RAP	2014	750 tons	30,000 tons/yr	
OS-9	Stockpile - Crushed RAP	2014	500 tons	30,000 tons/yr	
<b>Tanks</b>					
T-1	Storage Tank - Liquid Asphalt	2010	15,000 gal	15,400 gal/yr	
T-2	Storage Tank - Liquid Asphalt	2010	20,000 gal	18,400 gal/yr	

**Emission Limitations**

Source G20-B030C	PM		PM <sub>10</sub>		VOC		SO <sub>2</sub>		NO <sub>x</sub>		CO	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
Haulroads	21.66	17.49	4.57	3.69								
Stockpiles	0.17	0.80	0.09	0.37								
<i>Fugitives Total</i>	<i>21.83</i>	<i>18.29</i>	<i>4.66</i>	<i>4.06</i>								
Equipment	4.85	3.62	2.07	1.53								
Dryer	12.60	10.19	8.10	6.55	2.46	1.99	26.40	21.34	36.00	29.10	120.00	97.00
Asphalt Heater	0.01	0.01	0.01	0.01	0.01	0.02	0.29	0.36	0.08	0.12	0.03	0.10
<i>Point Source Total</i>	<i>17.46</i>	<i>13.82</i>	<i>10.18</i>	<i>8.09</i>	<i>2.47</i>	<i>2.01</i>	<i>26.69</i>	<i>21.70</i>	<i>36.08</i>	<i>29.22</i>	<i>120.03</i>	<i>97.10</i>
<b>FACILITY TOTAL</b>	<b>39.29</b>	<b>32.11</b>	<b>14.84</b>	<b>12.15</b>	<b>2.47</b>	<b>2.01</b>	<b>26.69</b>	<b>21.70</b>	<b>36.08</b>	<b>29.22</b>	<b>120.03</b>	<b>97.10</b>

Source G20-B030C	Acetaldehyde		Benzene		Ethylbenzene		Toluene		Xylene		Formaldehyde	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
Dryer	0.10	0.08	0.09	0.07	0.66	0.54	0.30	0.25	0.81	0.66	0.23	0.18

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*Registration under this Class II General Permit satisfies the permitting requirements of 45CSR13, 45CSR3, and 45CSR16 for eligible Hot Mix Asphalt Plants*