

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 Modify**



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-B021A

Issued to:

Southern West Virginia Asphalt, Inc.
Alta Facility
025-00013

A blue ink signature of William F. Durham, written over a horizontal line.

William F. Durham
Director

Effective: March 30, 2015

This Class II General Permit Registration will supercede and replace G20-B021.

Facility Location: Alta, Greenbrier County, West Virginia
Mailing Address: P.O. Box 544, Dunbar, West Virginia 25064
Facility Description: Hot Mix Asphalt Plant
SIC / NAICS Codes: 2951 / 324121
UTM Coordinates: 539.074 km Easting • 4192.161 km Northing • Zone 17
Registration Type: Modification
Description of Change: Applicant proposes to add and operate a portable fractionated reclaimed asphalt pavement (FRAP) system at the site.
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.

This permit does not affect 45CSR30 applicability. The source is a 45CSR30 deferred source.

General Permit Registration Number: G20-B021A
Registrant: Southern WV Asphalt, Inc.
Facility Name: Plant #52 Alta
Mailing Address: P.O. Box 544, Dunbar, West Virginia 25064

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

Equipment ID No.	Description	Date of Change	A M R ²	Maximum Capacity		Control Equipment ¹
				TPH	TPY	
Equipment						
PFD1	Parallel Flow Drum Mix Plant	1995	M	300	300,000	APCD1
S1	Screen	2009	M	300	300,000	PW
S2	Screen	2009	M	75	75,000	PW
CRS1	Crusher	2009	M	25	25,000	FE
AH-1	Asphalt Heater – #2 Fuel Oil (7 gal/hr, 2880 hr/yr)	1995	M	----	----	N
FRAP System						
F-H1	FRAP Feed Hopper	2015	A	25	75,000	PE
F-BC1	FRAP Belt Conveyor	2015	A	200	75,000	PE
F-S1	FRAP Screen	2015	A	200	75,000	FE
F-BC2	FRAP Belt Conveyor	2015	A	75	28,125	N
F-CR1	FRAP Crusher	2015	A	75	28,125	FE
F-BC3	FRAP Belt Conveyor	2015	A	200	75,000	N
F-BC4	FRAP Belt Conveyor	2015	A	200	75,000	N
F-RS1	FRAP Radial Stacker	2015	A	200	75,000	N
F-ENG1	FRAP Engine (John Deere 6068HFC93A-mfg.2013)	2015	A	9.28 gal/hr	173 hp	N
Conveyors						
BC1	Belt Conveyor	2009	M	300	300,000	N
BC2	Belt Conveyor	2009	M	300	300,000	N
BC3	Belt Conveyor	2009	M	300	300,000	N
BC4	Belt Conveyor	2009	M	100	75,000	N
BC5	Belt Conveyor	2009	M	100	75,000	N
BC6	Belt Conveyor	2009	M	100	75,000	N
BC7	Belt Conveyor	2009	M	100	75,000	N
OT1	Slat Conveyor	2009	M	300	300,000	FE
OT2	Screw Conveyor	2009	M	9	9,000	FE
Storage						
OS1	Aggregate Stockpile	2009	M	----	100,000	N
OS2	Aggregate Stockpile	2009	M	----	200,000	N
OS3	Sand Stockpile	2009	M	----	150,000	N
OS4	Sand Stockpile	2009	M	----	50,000	N
OS5	Aggregate Stockpile	2009	M	----	50,000	N
OS6	Aggregate Stockpile	2009	M	----	50,000	N

Class II General Permit: G20-B
Hot Mix Asphalt Plants

Equipment ID No.	Description	Date of Change	A M R ²	Maximum Capacity		Control Equipment ¹
				TPH	TPY	
OS7A	RAP Stockpile	2015	A	----	75,000	CA
OS7B	RAP Stockpile	2015	A	----		CA
B1	Aggregate Bin	2009	M	20 tons	300,000	PE
B2	Aggregate Bin	2009	M	20 tons		PE
B3	Aggregate Bin	2009	M	20 tons		PE
B4	Aggregate Bin	2009	M	20 tons		PE
B5	RAP Bin	2009	M	20 tons	75,000	PE
BS1	HMA Silo	2009	M	200 tons	300,000	FE
BS2	HMA Silo	2009	M	200 tons		FE
Tanks						
T1	Storage Tank – Asphalt Cement	2009	M	24,000	350,000	N
T2	Storage Tank – #2 fuel oil	2009	M	20,000	1,000,000	N
T3	Storage Tank – Used Oil	2009	M	20,000	1,000,000	N

¹ FE - Full Enclosure; PE - Partial Enclosure; PW - Partial Enclosure w/water spray; MD - Minimum Drop Height; CA - Crusting Agent; APCD-1 - Baghouse; N - None
A - Addition, M - Modification or No Change, R - Removal

Emission Limitations

Emission Type	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tons/yr)
Total Particulate Matter	58.59	26.99
Fugitive (Haulroads & PM ₁₀)	34.40	15.53
Fugitive (Haulroads & PM _{2.5})	7.30	3.11
Fugitive (Haulroads & VOC)	0.66	0.13
Fugitive (Haulroads & SO ₂)	0.13	0.02
Fugitive (Haulroads & NOx)	21.16	7.77
Fugitive (Haulroads & CO)	18.27	11.92
Fugitive (Haulroads & Acetaldehyde)	28.29	9.66
Fugitive (Haulroads & Benzene)	40.22	19.73
Fugitive (Haulroads & Ethylbenzene)	0.391	0.195
Fugitive (Haulroads & Toluene)	0.361	0.180
Fugitive (Haulroads & Xylene)	0.114	0.057
Fugitive (Haulroads & Formaldehyde)	0.871	0.435
Fugitive (Haulroads & Total HAPs)	0.120	0.060
Fugitive (Haulroads & Total HAPs)	1.082	0.540
Fugitive (Haulroads & Total HAPs)	2.939	1.468

Source ID#	Nitrogen Oxides		Carbon Monoxide		Volatile Organic Compounds		Sulfur Dioxide		Particulate Matter-10		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	22.5	8.4	39	19.5	20.7	7.65	17.4	11.25	9.3	4.65	1.08	0.54

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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