West Virginia Department of Environmental Protection

Harold D. Ward
Cabinet Secretary

Class II General Permit
G50-C Registration to Construct

for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Concrete Batch Plants

The permittee identified at the facility listed below is authorized to construct and operate the stationary sources of air pollutants identified herein in accordance with all terms and conditions of General Permit G50-C.

G50-C132

Issued to:
Premier Concrete Inc.
Princeton Plant
055-00154

Laura M. Crowder

Laura M. Crowder
Director, Division of Air Quality

Laura M. Crowder

Digitally signed by: Laura M. Crowder
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Date: 2024.05.09 11:40:19 -04'00'

Issued: May 9, 2024

This Class II General Permit Registration will supercede and replace: *Not Applicable*

Facility Location:	Princeton, Mercer County, West Virginia
Mailing Address:	PO Box 975, Princeton, West Virginia 24740
Physical Address:	974 Greasy Ridge Road, Princeton, West Virginia 24739
Facility Description:	Concrete Batch Plant
NAICS Code:	327320
SIC Code:	3273
Longitude Coordinates:	-81.05531
Latitude Coordinates:	37.35515
Directions to Facility:	From Charleston: Take I77- South. take exit 9 for US-460 towards Princeton (91 miles), turn left onto US-460 East, turn right onto Greasy Ridge Rd for 1 mile.
Registration Type:	Construction
Description of Change:	Applicant proposes to construct and operate a Concrete Batch Plant at 974 Greasy Ridge Road, Princeton, Mercer County, West Virginia.

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 or registration 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.

The source is not subject to 45CSR30.

Permit Section Applicability for the Registrant

All registered facilities under General Permit G50-C are subject to Sections 1.0, 2.0, 3.0, and 4.0 of General Permit G50-C.

The following additional sections of General Permit G50-C apply to the registrant:

GENERAL PERMIT G50-C APPLICABLE SECTIONS	
☑ Section 5.0	Concrete Batch Plants
☐ Section 6.0	Reciprocating Internal Combustion Engines and Generator Engines (excluding non-road engines)
☐ Section 7.0	Non-Road Engines
☐ Section 8.0	Small Heaters and Boilers

CONCRETE BATCH PLANT

Concrete Batch Plant Production Information	Source Identification Number	BS-4	
	Manufacturer & Model Number	(2012/G50-B095/109-00215)	
	Date of Manufacture		
	Maximum Design Production Rate	200	yd^3 / hour
	Maximum Annual Production	50,000	yd^3 / year
	Source Identification Number	BC-1	
	Maximum Design Production Rate	120	tons / hour
	Maximum Annual Production	230,400	tons / yr
	Daily Operation	8	hours/day
	Annual Operation	250	days/year
		2000	hours/year
	Approximate Percentage of Operation from:	15%	Jan - Mar
		18%	April - June
		33%	July - Sept
		33%	Oct - Dec

BAGHOUSE

CBP Air Pollution Control Device Data Sheet		Fabric Filter Baghouse	Fabric Filter Baghouse	Fabric Filter Baghouse	Fabric Filter Baghouse
General Information	APCD Identification Number[1]	APCD-1	APCD-2	APCD-3	APCD-4
	Manufacturer & Model Number	Belle 150	Belle 150	Belle 150	EPNU St Marc CP18,000
	Number of Compartments	1	1	1	2
	Fabric Filter Cleaning Mechanism[2]	Shaker	Shaker	Shaker	Reverse Pulse Air
	Total Cloth (fabric) Area (ft^2)	100.53	100.53	100.53	920
	Draft Fan HP	-	-	-	40
	Outlet Stack Area (ft^2)	-	-	-	2.18
Operational Parameters	Minimum Design PD (in H_2O)	5”	5”	5”	8”
	Maximum Design PD (in H_2O)	5”	5”	5”	8”
	Inlet Gas Flow Rate (ACFM)	375	375	375	10,000
	Inlet Gas Temperature (^oF)	Ambient	Ambient	Ambient	Ambient
	PM Inlet Rate (grains/scf)	-	-	-	-
	PM Outlet Rate (grains/scf)	-	-	-	-
	Operating Air/Cloth Ratio (ft/min)	-	-	-	4.51

STORAGE AND HANDLING

Source Identification Number	E3-1	E3-2	E3-3	E3-4	E3-5	E3-6
Material Stored	Sand	Sand	Gravel	Gravel	Sand	Gravel
Maximum Yearly Throughput (tons/year)	46,857.5	46,857.5	68,342	68,342	56,233	82,007
Typical Moisture Content (%)	7	7	6	6	7	6
Average % of Material Passing Through 200 Mesh Sieve	3	3	1	1	3	1
Maximum Stockpile Base Area (ft^2)	750	750	750	750	750	750
Maximum Stockpile Height (ft)	8	8	8	8	8	8
Maximum Storage Capacity (tons)	330	330	330	330	330	330
Dust Control Method Applied to Storage[9]	PE, WS	PE, WS	PE, WS	PE, WS	PE, WS	PE, WS
Method of Material Load-in to Bin or Stockpile[10]	TD	TD	TD	TD	TD	TD
Dust Control Method Applied During Load-in[11]	MD	MD	MD	MD	MD	MD
Method of Material Load-out from Bin or Stockpile[10]	FE	FE	FE	FE	FE	FE
Dust Control Method Applied During Load-out[11]	MD	MD	MD	MD	MD	MD

9 CA Crusting Agent ; WS Water Spray ; FE Full Enclosure ; NO None ; OT Other _____

10 FE Front Endloader ; SS Stationary Conveyor/Stacker ; ST Stacking Tube ; MC Mobile Conveyor/Stacker ; CS Clamshell ; TD Truck Dump ; OT Other ___**Cement Truck**_____

11 CA Crusting Agent ; WS Water Spray ; FE Full Enclosure ; MD Minimize Drop Height ; ST Stacking Tube ; NO None ; OT Other _____

STORAGE AND HANDLING

Source Identification Number	BS-1	BS-2	BS-3			
Material Stored	Cement	Cement	Cement			
Maximum Yearly Throughput (tons/year)	3,905	3,905	3,905			
Typical Moisture Content (%)	0	0	0			
Average % of Material Passing Through 200 Mesh Sieve	99	99	99			
Maximum Stockpile Base Area (ft^2)						
Maximum Stockpile Height (ft)						
Maximum Storage Capacity (tons)	50	50	50			
Dust Control Method Applied to Storage[9]	FE, APCD-1	FE, APCD-2	FE, APCD-3			
Method of Material Load-in to Bin or Stockpile[10]	Pneumatic	Pneumatic	Pneumatic			
Dust Control Method Applied During Load-in[11]	FE	FE	FE			
Method of Material Load-out from Bin or Stockpile[10]	Gravity	Gravity	Gravity			
Dust Control Method Applied During Load-out[11]	FE	FE	FE			

9 CA Crusting Agent ; WS Water Spray ; FE Full Enclosure ; NO None ; OT Other _____

10 FE Front Endloader ; SS Stationary Conveyor/Stacker ; ST Stacking Tube ; MC Mobile Conveyor/Stacker ; CS Clamshell ; TD Truck Dump ; OT Other ___**Cement Truck**_____

11 CA Crusting Agent ; WS Water Spray ; FE Full Enclosure ; MD Minimize Drop Height ; ST Stacking Tube ; NO None ; OT Other _____

STORAGE VESSELS

Source ID #	Content (Lube Oil, Diesel, etc.)	Volume (gal)
T-1	Water	10,000
T-2	Water	10,000

FUEL BURNING UNITS *(Not Applicable)*				
Emission Unit ID#	**Emission Point ID#**	**Description**	**MDHI (MMBTU/hr)**	**Year Installed/ Modified**

BOILERS SUBJECT TO 40CFR63 SUBPART JJJJJJ *(Not Applicable)*		
Emission Unit ID#	**Emission Point ID#**	**Description MDHI (MMBTU/hr)**

RECIPROCATING INTERNAL COMBUSTION ENGINES *(Not Applicable)*									
Emission Unit ID#	**Emission Point ID#**	**Make/Model/HP**	**Control Device ID#**	**Year Installed/ Modified**	**Engine Manufacture Date**	**Subject to 6.1.4/ 6.2**	**Engine Type**	**Applicable Rules**	**40CFR63 Subpart ZZZZ New or Existing?**
						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing
						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing
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						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing
						☐ Yes ☐ No	☐ 2SLB ☐ 4SLB ☐ 4SRB	☐ 40CFR60 Subpart JJJJ ☐ Certified? ☐ 40CFR60 Subpart IIII ☐ Certified? ☐ 40CFR63 Subpart ZZZZ ☐ NESHAP ZZZZ/ NSPS JJJJ Window	☐ New ☐ Existing

New or reconstructed sources in accordance with 63.76590(c) must only meet the requirements of 40CFR60 Subparts IIII or JJJJ.

RECIPROCATING INTERNAL COMBUSTION ENGINES TESTING REQUIREMENTS ***(Not Applicable)***						
Emission Unit ID#	**Emission Point ID#**	**Make/Model/HP**	**Control Device ID#**	**Year Installed/ Modified**	**Engine Manufacture Date**	**Testing Requirements**
						☐ Initial Performance Test ☐ Every 8,760 hours of operation or 3 years (whichever comes first)
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						☐ Initial Performance Test ☐ Every 8,760 hours of operation or 3 years (whichever comes first)

NON-ROAD ENGINES *(NOT APPLICABLE)*

Engine Manufacturer:	
Engine Model:	
Engine Serial No.:	
Engine Date of Mfg:	

FACILITY CONTROLLED EMISSIONS SUMMARY SHEET														
Emission Point ID#	NO_x		CO		VOC		SO_2		PM		PM_{10}		GHG (CO_2e)	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
Concrete Plant									28.67	28.57	9.04	8.72		

HEATERS/ENGINES CONTROLLED HAP EMISSIONS SUMMARY SHEET *(Not Applicable)*														
Emission Point ID#	Formaldehyde		Benzene		Toluene		Ethylbenzene		Xylenes		Hexane		Total HAPs	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy