

ATTACHMENT A

Facility Information

Blue Dot Read Mix

GCM-9900-0494

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: April 21, 2014

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: Northfield Drive
CITY, STATE, ZIP: Fort Mill, SC 29721
COUNTY: Lancaster

C - PLANT

Plant ID	Type of Plant	Plant & Equipment Description	Control Device Description
01	Truck Mix	200 yd ³ /hr Concrete Batch Plant	---
		Weigh Batcher	C&W CP-1560 Central Dust Collector
		Truck Loading	C&W CP-1560 Central Dust Collector

D - SILOS

Silo ID	Silo Description	Control Device/Binvent Description	Plant ID
CS1	Cement/Cement Supplement Silo #1	C&W CP-1560 Central Dust Collector	01
CS2	Cement/Cement Supplement Silo #2	C&W CP-1560 Central Dust Collector	01

E - TANKS – RESERVED

F - OTHER EQUIPMENT - RESERVED

G - FACILITY SPECIFIC CONDITIONS

The facility must comply with the General Conditional Major Operating Permit for Concrete Plants and any additional conditions listed in this section.

Condition Number	Conditions
1.	Production from this plant must not exceed 1,300,000 cubic yards per year (yd ³ /yr) on a 12-month rolling sum.
2.	This concrete batch plant is limited to 125 yd ³ /hr and 2,250 yd ³ /day of production in order to comply with SC Regulation 61-62.5, Standards No. 2, 7, and 8. The owner/operator must record the date, time, and amount of production. Any increase in allowable emission rate must be approved by the Bureau of Air Quality and may require re-modeling to demonstrate compliance with the above listed standard(s). Reports of the production data shall be submitted semiannually. This is a State Only requirement.
3.	The owner/operator shall maintain the following in order to comply with SC Regulation 61-62.5, Standards 2, 7, and 8: 1. A 25' wall surrounding the six "bunker" storage piles (with one interior side left open for material transfer) 2. A 15'x45', 3-sided enclosure around the 3 hoppers (with interior side left open for material transfer) that is 20' high with exhaust fans at a height of 35' above ground. 3. A 90'x90' building completely enclosing the main plant area, that is 56' tall with 2 exhaust fans (58' above ground) to vent emissions from the baghouse, water heater, and material transfer to elevated storage. This is a State Only requirement.

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G - FACILITY SPECIFIC CONDITIONS

The facility must comply with the General Conditional Major Operating Permit for Concrete Plants and any additional conditions listed in this section.

Condition Number	Conditions
4.	The owner/operator shall continue to comply with the requirements listed as a part of Consent Order 08-036-A. As such, the facility must submit reports monthly indicating the number of cubic yards per day of actual production, including the date, time, and quantity of each truckload of raw material (e.g. sand, cement, aggregate, fly ash) deposited at the facility; the date, time and quantity of each truck load-out; and a rolling sum of cubic yard of actual production.

RECORD OF REVISIONS	
Revision Date	Description of Change
01-30-2015	Update Attachment B
02-08-2016	Added condition G.4

ATTACHMENT B

Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Emission Rates (lbs/hr)				
	PM ₁₀	SO ₂	NO ₂	CO	Lead
Bunker1	0.05	---	---	---	---
Bunker2	0.05	---	---	---	---
Bunker3	0.012	---	---	---	---
Bunker4	0.05	---	---	---	---
Bunker5	0.076	---	---	---	---
Bunker6	0.242	---	---	---	---
B1Wind	1.65E-04	---	---	---	---
B2Wind	1.65E-04	---	---	---	---
B3Wind	1.65E-04	---	---	---	---
B4Wind	1.65E-04	---	---	---	---
B5Wind	1.13E-03	---	---	---	---
B6Wind	8.15E-04	---	---	---	---
Fan1	0.4976	0.0016	0.2746	0.2306	---
Fan2	0.6025	---	---	---	5.42E-05
HopAgg67	0.1945	---	---	---	---
HopAgg70	0.1945	---	---	---	---
HopSand	0.0878	---	---	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Emission Point ID	Emission Rates (lbs/hr)	
	Nickel	Phosphorous
	7440-02-0	7723-14-0
Fan2	1.81E-04	4.36E-04

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS Number	Facility Wide Emission Rates (lbs/day)
Arsenic	7440-38-2	0.001
Beryllium	7440-41-7	0.000
Cadmium	7440-43-9	0.000
Chromium Compounds	---	0.004
Manganese Compounds	---	0.018
Nickel	7440-02-0	0.004
Selenium Compounds	---	0.000