

ATTACHMENT A

Facility Information

Concrete Supply Co., LLC Lancaster

GSOP-9900-0521

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: September 11, 2013

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 9169 Northfield Drive
CITY, STATE, ZIP: Fort Mill, SC 29707
COUNTY: Lancaster

C - PLANT

Plant ID	Type of Plant	Plant & Equipment Description	Control Device Description
01	Truck Mix	150 yd ³ /hr Concrete Batch Plant	---
		Weigh Batcher	C&W RA-140 Central Dust Collector
		Truck Loading	C&W RA-140 Central Dust Collector

D - SILOS

Silo ID	Silo Description	Control Device/Binvent Description	Plant ID
CS1	Cement/Cement Supplement Silo #1	C&W RA-140 Central Dust Collector	01
CS2	Cement/Cement Supplement Silo #2	C&W RA-140 Central Dust Collector	01

E - TANKS - RESERVED

F - OTHER EQUIPMENT - RESERVED

G - FACILITY SPECIFIC CONDITIONS

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

Condition Number	Conditions
1.	This concrete batch plant is limited to 120 yd ³ /hr (2880 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.
2.	The owner/operator shall maintain the plant enclosure in order to qualify for the 70% partial enclosure efficiency to comply with SC Regulation 61-62.5, Standards 2, 7, and 8. This is a State Only requirement.
3.	Unless elsewhere specified within this permit, all reports required under this permit including all recorded parameters and calculated values shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, at the address listed below, postmarked no later than thirty (30) calendar days after the end of the reporting period. SC DHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201

ATTACHMENT B

Modeled Emission Rates

Concrete Supply Co., LLC Lancaster

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The emission rates listed herein are not considered federally 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.

STANDARD NO. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (LBS/DAY)	DE MINIMIS (LBS/DAY)	PASS (Y or N)
Arsenic	7440-38-2	0.001	0.012	Y
Beryllium	7440-41-7	0.000	0.000	Y
Cadmium	7440-43-9	0.000	0.003	Y
Chromium Compounds	---	0.004	0.030	Y
Manganese Compounds	---	0.021	0.300	Y
Nickel	7440-02-0	0.005	0.006	Y
Selenium Compounds	---	0.000	0.012	Y
Note: emission rates are conservative, i.e., do not consider the 70% “partial enclosure” control efficiency applied to emissions generated inside the main plant building.				

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (LBS/HR)					
STACK ID	TSP	PM₁₀	SO₂	NO₂	CO
BIN2CONV	0.372	0.180	---	---	---
CONVEYOR	0.112	0.054	---	---	---
HEATER	0.013	0.013	0.0011	0.179	0.150
PILE1	0.124	0.060	---	---	---
PILE2	0.084	0.048	---	---	---
PILE3	0.124	0.060	---	---	---
PILE4	0.062	0.030	---	---	---
PILE5	0.062	0.030	---	---	---
ROLLUP1	0.297	0.086	---	---	---
ROLLUP2	0.297	0.086	---	---	---
FACILITY TOTAL	1.547	0.647	0.001	0.179	0.150

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (LBS/HR)		
STACK ID	HF	LEAD
ROLLUP1	---	8.16E-06
ROLLUP2	---	8.16E-06
FACILITY TOTAL	---	1.61E-05

STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (LBS/HR)			
STACK ID	Minor Source Baseline Date(s)		
	12/01/1981	12/01/1981	None
	PM₁₀	SO₂	NO₂
BIN2CONV	0.180	---	---
CONVEYOR	0.054	---	---
HEATER	0.013	0.0011	---
PILE1	0.060	---	---
PILE2	0.048	---	---
PILE3	0.060	---	---
PILE4	0.030	---	---
PILE5	0.030	---	---
ROLLUP1	0.086	---	---
ROLLUP2	0.086	---	---
FACILITY TOTAL	0.647	0.001	---

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (LBS/HR)				
STACK ID	Phosphorous	---	---	---
	7723-14-0	---	---	---
ROLLUP1	6.48E-05	---	---	---
ROLLUP2	6.48E-05	---	---	---
FACILITY TOTAL	1.30E-04	---	---	---



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

October 21, 2013

Mr. Johnie Alexander
Environmental Manager
Concrete Supply Co., LLC Lancaster
P. O. Box 5247
Charlotte, NC 28299

RE: Modification of Attachment A for the General State Operating Permit for Concrete Plants
Concrete Supply Co., LLC Lancaster
Permit Number: GSOP-9900-0521

Dear Mr. Alexander:

The Department has modified Attachment A of the General State Operating Permit for Concrete Plants for Permit No. GSOP-9900-0521 to show that the facility has transferred ownership from CEMEX Construction Materials Atlantic, LLC – Lancaster to Concrete Supply Co., LLC Lancaster. The facility's permit has the same expiration date and will remain valid through June 30, 2023.

The modified Attachment A is being issued to incorporate changes as described above, and a copy of the attachment and the General State Operating Permit for Concrete Plants may be downloaded by clicking on your facility's name at the following address: <http://www.scdhec.gov/Air-GeneralConcretePermit>. Alternatively, you may request a copy by contacting us at (803) 898-4292. This letter is to be retained with the General Permit and the attachment(s).

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Jerisha Dukes via phone at (803) 898-4292 or by e-mail at dukesjs@dhec.sc.gov promptly if any are discovered.

Sincerely,

Elizabeth J. Basil, Director
Engineering Services Division
Bureau of Air Quality

EJB: shb:kal

cc: Permit File: GSOP-9900-0521
ec: Steve Moseley, BEHS
Cindy Kilpatrick, Technical Management Section
Heinz Kaiser, Air Toxics Section
Lynn Barnes, Emissions Inventory Section