NORTH CAROLINA DIVISION OF AIR QUALITY

Inspection Report
Date: 07/19/2024

Wilmington Regional Office
Greenville Ready Mixed Concrete, dba DPD Team Concrete
NC Facility ID 6700156
County/FIPS: Onslow/133

Facility Data

Greenville Ready Mixed Concrete, dba DPD Team Concrete
153 Finley Lane
Jacksonville, NC 28546
Lat: 34d 48.3331m **Long:** 77d 21.6777m
SIC: 3273 / Ready-Mixed Concrete
NAICS: 327320 / Ready-Mix Concrete Manufacturing

Permit Data

Permit n/a
Issued n/a
Expires n/a
Class/Status Permit Exempt
Permit Status Inactive
Current Permit Application(s) None

Program Applicability

SIP

Contact Data

Facility Contact	Authorized Contact	Technical Contact
Daniel Sutton Assistant Plant Manager (252) 756-0119	David Hardee Chief Operations Manager (252) 756-0119	Daniel Sutton Assistant Plant Manager (252) 756-0119

Comments:

Inspector's Signature: KRowland

Date of Signature: 9/6/24 BM 9/6/24

Compliance Data

Inspection Date 07/17/2024
Inspector's Name Kevin Rowland
Operating Status Operating
Compliance Status Compliance - inspection
Action Code FCE
Inspection Result Compliance

Total Actual emissions in TONS/YEAR:

	TSP	SO2	NOX	VOC	CO	PM10	* HAP
2012	---	---	---	---	---	---	---

* Highest HAP Emitted (in pounds)

Five Year Violation History: None

Date	Letter Type	Rule Violated	Violation Resolution Date

Performed Stack Tests since last FCE: None

Date	Test Results	Test Method(s)	Source(s) Tested

General Facility Summary

This facility is located on a private road, Finley Lane can't be found using google maps, but the plant can be found using the GPS coordinates. The private road is accessible by Kellum Loop Road off of highway 17. The DAQ I Beam database coordinates are 34.805553 North and -77.361295 West and appear acceptable for modeling purposes.

This truck mix concrete batch plant produces ready mix concrete. The maximum allowable by the general permit rated production capacity for this plant is 138 cubic yards per hour. A concrete batch plant stores, conveys, measures, and discharges the ingredients for making concrete (sand, aggregate, cement, water. and flyash) into transit-mix trucks with gravity. The discharge area is equipped with a flexible boot/hood. The concrete batch plant operations consist of silo loading, weigh hopper loading, aggregate transfer by conveyors, and truck loading. Typical production equipment consists of dozers, front end loaders, aggregate bins, conveyors, cement storage silos, flyash storage silos, a weigh hopper, and transport trucks equipped with mixers. In order to make concrete, cement and flyash are transferred from silos to the weigh hopper as a conveyor transfers sand and aggregate into the discharge area located below the weigh hopper. The ingredients are then mixed with water to form concrete as the trucks travel to various construction sites.

The primary air pollutant associated with concrete batch plants is particulate matter (TSP. PM 10, PM 2 s). Particulate emissions are generated during the pneumatic transfer of material (cement and flyash) from transport trucks into the storage silo. Vehicle traffic, wind erosion, and the transfer of materials (sand and aggregate) can generate fugitive dust emissions. Fugitive dust emissions can be produced from the transfer of cement and flyash from the silo to the weigh hopper. When the materials used to make concrete are discharged into the truck mixer fugitive dust is also generated. To control the fugitive dust from wind erosion of the stockpiles, the facility uses sprinklers and semi-enclosed concrete barriers. To prevent dust migration onto public roads the trucks are washed by each operator after they are loaded.

Since Greenville RMC has rescinded their DAQ permit #09933001. they are no longer required to send in an annual *TOXIC AIR POLLUTANT CONTROL REQUIREMENTS* per condition A.8(d)...

On-Site Equipment
The following are emissions sources and control systems on site:

- *One Concrete Batch Plant.*
- *One cement storage silo.*
- *One flyash storage silo.*

Site Visit Results
Cyril Kuhn- Plant Manager (252.756.0119) was present for this visit.

Cement was being loaded into trucks and into silos during this visit with no noticeable emissions. The load out chute looked ok. This facility is currently producing around 800 cubic yards per week. Cement is received everyday and flyash is received once or twice per week. The last baghouse inspection was July 3rd, 2024. The sprinklers used to control the fugitive dust from their aggregate piles were not working. This sprinkler system is scheduled to be repaired. No fugitive dust was observed from these piles during the site visit.

This facility appeared to be in good order and in compliance with Air Quality regulations. No fugitive dust was noted at the time of the site visit.