

# CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Southern Concrete Products, Inc File Number: 57-0246 EPS Initials: AJP  
Permit Number(s): 982097(082097) Source Point Number(s): 01  
Applications Received (date): January 16, 2024 Application Complete (date): January 30, 2024  
Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

SIC Code 3273 – Ready-Mix Concrete

This concrete batch plant operation (Source 01) is an existing air contaminant source. The purpose of this application is to increase production limit to 45,000 cubic yards per year and modify the control devices on the silo(s) and the weigh batcher/truck loadout. The process of this existing source involves the flow of aggregate using one single split silo containing cement storage and flyash storage, a weigh-batcher/weigh hopper, discharge chute for truck loadout, conveyors, and other associated equipment used in concrete production. The fabric filters at the silo vents, and at the weigh-batcher/weigh hopper and the discharge chute/truck loadout are the emission control device systems used for controlling Particulate Matter (PM) during concrete production from the concrete plant while in operation.

Per the application, this permit is to be issued a combined construction/operating.

## RULES ANALYSIS

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in __*__ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart *	<input type="checkbox"/>	State Rule 1200-3-16-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart *	<input type="checkbox"/>	State Rule 1200-3-11-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart *	<input type="checkbox"/>	State Rule 1200-3-31-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

### Other Applicable State Rules

PM Emissions:	1200-03-	07	-.	04(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO <sub>x</sub> Emissions:	1200-03-	*	-.	*	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
SO <sub>2</sub> Emissions:	1200-03-	*	-.	*	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Lead Emissions:	1200-03-	*	-.	*	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03-	*	-.	*	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Fugitive Emissions:	1200-03-	09	-.	03(8)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
VOC Emissions:	1200-03-	*	-.	*	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	_____ Emissions:	1200-03-	*	-.	*	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Visible Emissions from	Source	not to exceed	20	% opacity per Method	9	Rule 1200-03-	05	-.	01(1)		
Visible Emissions from	Roads/Parking	not to exceed	10	% opacity per Method	1	Rule 1200-03-	08	-.	03		

Comments: \_\_\_\_\_

# Emission Summary

Source Number: 01

Permit Number: 982097(082097)

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐

Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐ Previous Permit Number: Construction Operating 074027

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM	0.07	20.82	20.82	0.01	3.91	3.91		1/15/2024 1/24/2024		07-.04(2)
Fugitive PM	2.84	2.84	2.84	0.53	0.53	0.53		1/15/2024 1/24/2024		08-.01, 08-.03, 09-.03(8)

\* - Source of data based on the applications dated January 15, 2024, and January 24, 2024. Potential emission values are derived from AP-42 Chapter 11.12, Concrete Batching, Supplement to 5<sup>th</sup> Ed, 06/06. Actual and Allowable values are derived from the operating conditions based on the information provided in the applications dated January 15, 2024, and January 24, 2024.

PERMITTING PROGRAM: AJP DATE: March 25, 2024