

OPERATING PERMIT SUMMARY REPORT

Company Name: Franklin Asphalt, Inc. File Number: 94-0095 EPS Initials: AJP
Permit Number(s): 481932 Source Point Number(s): 01
Application Received (date): 11/13/2023 Application Complete (date): 12/21/2023
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 2951 – Asphalt Paving Mixtures and Blocks

This batch mix asphalt plant (Source 01) is an existing air contaminant source. The purpose of this application is to renew the CM permit. The Division identified PM as a Conditional Major pollutant and updated the permit to reflect this omission. No changes have been made to the operation. The batch mix asphalt plant has a maximum input limitation of 125 tons per hour and a maximum production limitation of 325,000 tons during any calendar year period while in operation.

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	-.	03(1)	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	NO _x Emissions:	1200-03-	07	-.	07(2)	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
SO ₂ Emissions:	1200-03-	14	-.	03(5)	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	Lead Emissions:	1200-03-	*	-.	*	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03-	07	-.	07(2)	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	Fugitive Emissions:	1200-03-	*	-.	*	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03-	07	-.	07(2)	<input checked="" 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: _____

EMISSIONS REQUIREMENTS AND EMISSION SUMMARY

SOURCE NUMBER: 94-0095-01 **NONATTAINMENT:** **ATTAINMENT:** **X** **PERMIT NUMBER:** 481932

PERMIT STATUS: NEW RENEWAL **X** RELOCATION **PREVIOUS PERMIT NUMBER:** **CONSTRUCTION:** **OPERATING:** 460206

IDENTIFY IF ONLY A PART OF THE SOURCE IS SUBJECT TO THIS REQUIREMENT	POLLUTANT	APPLICABLE REQUIREMENT(S): TN AIR POLLUTION CONTROL REGULATIONS, 40 CFR, PERMIT RESTRICTIONS, AIR QUALITY BASED STANDARDS	LIMITATION	EMISSIONS Pounds/Hour			EMISSIONS Ton/Year		
				Actual	Potential	Allowable	Actual	Potential	Allowable
Source 00 (Entire Facility)	CO	1200-03-09-.02(11)(a)	325,000 tpy in production						70.00
Source 00 (Entire Facility)	PM	1200-03-09-.02(11)(a)	125 tph capacity 325,000 tpy in production						53.72
Source 01	PM	1200-03-07-.03(1)	125 tph capacity 325,000 tpy in production	4.20	5.25	37.48	4.70	6.83	48.72
	SO ₂	1200-03-14-.03(5)	125 tph capacity 325,000 tpy in production	8.80	11.00	11.00	9.86	14.30	14.30
	CO	1200-03-07-.07(2) 1200-03-09-.02(11)(a)	325,000 tpy in production	40.00	50.00		44.80	65.00	65.00
	VOC	1200-03-07-.07(2)	325,000 tpy in production	0.82	1.03		0.92	1.33	1.33
	NO _x	1200-03-07-.07(2)	325,000 tpy in production	12.00	15.00		13.44	19.50	19.50
					Source of data based on the applications dated October 4, 1995, and November 14, 2023, and the agreement letter dated March 11, 2024, from the permittee.				

IF THIS IS NOT A TITLE V SOURCE, IS THIS A SOURCE (SUBJECT TO NSPS OR NESHAPS) OR A SYNTHETIC MINOR SOURCE? IF THE ANSWER IS YES, EXPLAIN: The asphalt plant is a conditional major source due to its potential to emit (PTE) for Particulate Matter (PM) and Carbon Monoxide (CO) which requires a facility-wide PM emission limit of 53.72 tons during any period of 12 consecutive months CO emission limit of 70.00 tons during any period of 12 consecutive months under maximum operating conditions (5 tons per year for each pollutant was added for insignificant activity/exempt sources). Allowable VOC emissions also includes HAPs (1.33 tons).

PERMITTING PROGRAM: AJP

DATE: April 18, 2024