

# CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Maymead Materials, Inc File Number: 46-0078 EPS Initials: TWK

Permit Number(s): 081888(981888) Source Point Number(s): 01

Application Received (date): October 25, 2023 Application Complete (date): December 5, 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)

This facility is an existing True Minor Source (Fugitive PM Emissions). This permit (081888) is to replace existing crusher HP300 (CR4 on application but is labeled as CR5 in active permit 077502) with a new 2023 HP400 crusher (CR5 on flow diagram submitted December 5, 2023). Revised APC 109 submitted March 15, 2024, revises the id number to CR5 to correct error on initial application. Per NSPS Subpart OOO, VEE will be required for this new crusher CR5 and for CR2 required per op flex dated December 7, 2022, but were not found. Wet suppression is used for fugitive pm emission control. This permit will be issued as a combined construction/operating permit.

## 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 ☐ Sig. increase in \_\_\_\_ emissions ☐ N/A ☒

Applicable NSPS: Subpart OOO ☒ State Rule 1200-03-16- 53 ☐ N/A ☒

Applicable NESHAP: 40 CFR Part 61, Subpart \_\_\_\_ ☐ State Rule 1200-03-11- \_\_\_\_ ☐ N/A ☒

Applicable NESHAP: 40 CFR Part 63, Subpart \_\_\_\_ ☐ State Rule 1200-03-31- \_\_\_\_ ☐ N/A ☒

## Other Applicable State Rules

PM Emissions\*: 1200-03- 07 - .03(1) ☒ N/A ☐ NO<sub>x</sub> Emissions: 1200-03- \_\_\_\_ ☐ N/A ☒

SO<sub>2</sub> Emissions: 1200-03- \_\_\_\_ ☐ N/A ☐ Lead Emissions: 1200-03- \_\_\_\_ ☐ N/A ☒

CO Emissions: 1200-03- \_\_\_\_ ☐ N/A ☐ \_\_\_\_ Emissions: 1200-03- \_\_\_\_ ☐ N/A ☒

VOC Emissions: 1200-03- \_\_\_\_ ☐ N/A ☐ \_\_\_\_ Emissions: 1200-03- \_\_\_\_ ☐ N/A ☒

**Emission Summary for Source 46-0078****Permit Number:** 081888**Source Status:** New ☐ Modification ☒ Expansion ☐ Relocation ☐ **Permit Status:** New ☐ Renewal ☐PSD ☐ NSPS ☒ NESHAPs ☐ **Previous Permit Number:** Construction N/A Operating 077502

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard Tenn. Comp. R. & Regs 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM Fugitive	13.83	49.92	49.92	8.30	29.92	29.95		10/25/2023 12/5/2023 3/15/2024	3	07-.03(1)

\* Source of data: The permittee's application dated October 25, 2023 with additional information submitted December 05, 2023 and March 15, 2024.

\*\* Maximum Production per year = 900,000 tons / yr / 750 tons/hr = 1200 hours/year

Permit writer: TWK DATE: March 27, 2024