

From: [Air.Pollution.Control](#)
To: [APC Permitting](#)
Subject: FW: 46-0078 Maymead Materials Inc.
Date: Monday, March 18, 2024 10:43:46 AM
Attachments: [image001.png](#)
[APC109 Quarry.pdf](#)

From: Tracy Kefauver <Tracy.Kefauver@tn.gov>
Sent: Monday, March 18, 2024 9:20 AM
To: Air.Pollution.Control <Air.Pollution.Control@tn.gov>
Subject: FW: 46-0078 Maymead Materials Inc.

Please upload this email and revised APC 109 to facility 46-0078 permit number 981888

Thanks,



Tracy Kefauver | TDEC-Environmental Consultant 3
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue,
Nashville, TN 37243
p. 615-532-0536
Tracy.Kefauver@tn.gov
<https://www.tn.gov/environment/permit-permits/permit-air-home.html>

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Internal Customers please complete our [customer satisfaction survey](#).

From: Sean Mackey <smackey@maymead.com>
Sent: Friday, March 15, 2024 11:10 AM
To: Tracy Kefauver <Tracy.Kefauver@tn.gov>
Subject: [EXTERNAL] RE: 46-0078 Maymead Materials Inc.

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. ***

Tracy – Please see the attached APC 109 and I am in agreement with the EQ list.

Thank you,
Sean Mackey
Maymead, Inc.
Mobile: 423-571-7159
Office: 423-727-2005

1. Submit a revised application to correct the crusher being replaced in CR5 (not CR4 as there is no crusher with id CR4 in current permit or on the flow diagram). Here is a link to the applications and instructions: [Air Quality](#)

Non-Title V Construction Permit (tn.gov) Please submit the revised application in pdf to Air.Pollution.Control@tn.gov and cc me at Tracy.Kefauver@tn.gov.

2. Please verify the equipment list below is accurate:

Operation/Equipment	I.D. No.	Size	Manufacturing Date/ Status	Input Rate (ton/hr)
Bin	BN1	70 ton	Post 8/31/83 but pre 4/22/2008/ NSPS	750
Primary Circuit				
Operation/Equipment	ID #	Size	Manufacturing Date/Status	Capacity (ton/hr)
Screen	S1	64" x 20'	Pre 8/31/83/non-NSPS	750
Jaw Crusher	CR1	-	2008/NSPS	750
Crusher	CR2	-	2022/NSPS	700
Cone Crusher	CR3	-	2015/ NSPS	400
Triple Deck Screen	S2	6'x 14'	Post 8/31/83 but pre 4/22/08/NSPS	200
Conveyor(s)	JCC-1	36" wide	Pre 8/31/83/non-NSPS	750
Conveyor(s)	JCC-2, JCC-3	28" wide	Pre 8/31/83/non-NSPS	750
Conveyor(s)	JCC-4	30" wide	Pre 8/31/83/non-NSPS	750
Conveyor(s)	C1, C2	30" wide	Post 8/31/83 but pre 4/22/08/NSPS	250
Conveyor(s)	C3, C4, C5, C6	24" wide	Post 8/31/83 but pre 4/22/08/NSPS	250
Finishing Plant				
Screen	S3	8' x 20'	Pre 8/31/83/non-NSPS	250
Screen	S4	6' x 16'	Pre 8/31/83/non-NSPS	200
Crusher	CR5	-	2023/NSPS	520
Screen	S5	4' x 12'	Post 8/31/83 but Pre 4/22/08/NSPS	200
Screen	S6	5' x 14'	Pre 8/31/83/non-NSPS	250
Blending Bin	BN2	15 ton	Pre 8/31/83/non-NSPS	60
Holding Bin	BB	20 ton	Post 4/22/2008/NSPS	80
Dewatering Screw	SC1	30" x 25'	non-NSPS	-
Conveyor(s)	C1, C3	30" wide	Post 8/31/83 but Pre 4/22/08/NSPS	250
Conveyor(s)	C2, C4, C5	24" wide	Post 8/31/83 but Pre 4/22/08/NSPS	200
Conveyor(s)	C6	16" wide	Post 8/31/83 but Pre 4/22/08/NSPS	200
Conveyor(s)	C7, C8, C9, C10, C11, C13	24" wide	Pre 8/31/83/non-NSPS	200
Conveyor(s)	C12	18" wide	non-NSPS	200
Conveyor(s)	BBA	36" wide	Post 8/31/83 but Pre 4/22/08/NSPS	100
Portable Circuit				
Portable Bin	P1A	12'x12'	Post 8/31/83 but Pre 4/22/08/NSPS	25
HP200 Cone Crusher	P1B	HP200	Post 8/31/83 but Pre 4/22/08/NSPS	100

Fintec Portable Screen	P2	4'x8'	Post 8/31/83 but Pre 4/22/08/NSPS	125
Fintec Portable Prim Belt	P2A	30"	Post 8/31/83 but Pre 4/22/08/NSPS	125
Fintec Portable SEC Belt 1	P2B	20"	Post 8/31/83 but Pre 4/22/08/NSPS	50
Fintec Portable SEC Belt 2	P2C	20"	Post 8/31/83 but Pre 4/22/08/NSPS	50

Please reply that you have received this correspondence and feel free to contact me with any questions.

Thanks,



Tracy Kefauver | TDEC-Environmental Consultant 3
Division of Air Pollution Control

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NON-TITLE V PERMIT APPLICATION ROCK CRUSHING SOURCE DESCRIPTION

Please type or print and submit in duplicate. Attach to the Non-Title V Facility Identification Form (APC 100).					
GENERAL IDENTIFICATION AND DESCRIPTION					
1. Organization name Maymead Materials, Inc. REVISED 3-15-2024			For APC use only	APC Company – Point no.	
2. Emission source no. (As on Non-Title V Facility Identification Form) 46-0078-01				APC Log/Permit no.	
EQUIPMENT INFORMATION					
The applicant must submit an equipment list and flow diagram. The applicant may use the table below to list the equipment or attach a separate sheet of paper for the equipment list. The equipment list must include each crusher, screen, conveyor, bin, pugmill, feeder, agricultural lime, etc. The flow diagram must show each piece of equipment labeled with a reference number.					
3. Equipment type (see Note 1)	Flow diagram reference number (See Note 2)	Size (See Note 3)	Operating rate (Tons/Hr.) Design Actual		Date of manufacture
Crusher HP400 Cone	CR5	400	520	520	2023
This is a replacement					

- Note 1:** Equipment type: The applicant must list each crusher, screen, conveyor, bin, pugmill, feeder, agricultural lime, etc.
- Note 2:** Flow diagram reference number: The applicant must attach a flow diagram. The flow diagram must show each piece of equipment, including each crusher, screen, conveyor, bin, pugmill, feeder, agricultural lime, etc. Each piece of equipment must be labeled with a reference number.
- Note 3:** Size: For crushers, size is the design operating rate (in ton/hr.). For screens, size is the dimensions of the top deck of the screen. For conveyors, size is the width of the conveyor. For bins, size is the design capacity in tons.

(Over)

ROAD INFORMATION							
4. Roads:	Paved (Miles of road)	Unpaved (Miles of road)	Watered (Miles & frequency)		Other control (specify)		
Plant yard							
Access roads							
STOCKPILE INFORMATION							
5. Stockpiles:	Estimated annual tons	Turnover rate (Tons/Month)	Wetted as piled	No. of sides enclosed	Other dust control (See Note 4)	Loading method (e.g. loader, conveyor) Load in Load out	
Coarse: Over 1"	250,000	20,800	No	None	None	Truck	Truck
Fine: 1" to 1/4"							
1/4" and less							
MFG. Sand							
Other (specify)							
EMISSION INFORMATION							
6. Particulate emission data:	Flow diagram ref. number (See Note 5)	Average emissions (Lbs./Hr.)	Maximum emissions (Lbs./Hr.)	Average emissions (Tons/Year)	Emissions est. method (See Note 6)	Control devices (Note 6)	Control efficiency (%)
Primary crushing							
Secondary crushing	CR2 & CR3	2.45	2.45	2.4	Calculated	None	0
Tertiary crushing							
Agricultural lime							
Open storage							
Enclosed storage							
Conveying & Transferring							
Loading out							
Traffic dust							
Other (specify)							
Totals							
7. Comments							

Note 4: Explain in comments, if necessary.

Note 5: As identified on the flow diagram required in item #3

Note 6: Refer to the back of the Non-Title V Facility Identification Form (APC 100) for estimation method and control device codes.