

From: [Air.Pollution Control](#)
To: [APC Permitting](#)
Subject: FW: 46-0078 Maymead Materials, Inc.
Date: Tuesday, December 5, 2023 10:13:41 AM
Attachments: [image001.png](#)
[Maymead Materials EQ List and Mfg Year.pdf](#)

From: Tracy Kefauver <Tracy.Kefauver@tn.gov>
Sent: Tuesday, December 5, 2023 9:38 AM
To: Air.Pollution Control <Air.Pollution.Control@tn.gov>
Subject: FW: 46-0078 Maymead Materials, Inc.

Please upload correspondence and attachment to facility 46-0078 permit number 981888. Thanks!

Thanks,



Tracy Kefauver | TDEC-Environmental Protection Specialist 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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From: Sean Mackey <smackey@maymead.com>
Sent: Tuesday, December 5, 2023 9:25 AM
To: Tracy Kefauver <Tracy.Kefauver@tn.gov>
Subject: [EXTERNAL] RE: 46-0078 Maymead Materials, Inc.

Tracy – This looks good to me! I appreciate all your help.

Thank you,

Sean Mackey

Maymead, Inc.

Mobile: 423-571-7159

From: Tracy Kefauver <Tracy.Kefauver@tn.gov>

Sent: Tuesday, December 5, 2023 10:23 AM

To: Sean Mackey <smackey@maymead.com>

Subject: RE: 46-0078 Maymead Materials, Inc.

Hi Sean,

Thank you for the information! Per our conversation, I will change the production recordkeeping to the Bin (BN1) since that is the feed point. I have made some changes in red in the equipment list from the permit (below) using information provided on the flow diagram. Please verify these changes are correct to the best of your knowledge.

Operation/Equipment	ID. No.	Size	Status/ Date of Manufacturer	Production (ton/hr)
Jaw Crusher	CR1	Metso C-140	Non-NSPS/ 2008	750

Primary Circuit				
Operation/Equipment	ID #	Size	Status	Capacity (ton/hr)
Screen	S1	6' x 14' 64"x20'	non-NSPS/ pre 8/31/83	750
Bin	BN1	70 ton	NSPS/ post 8/31/2008 but pre 4/22/08	750
Cone Crusher*	CR3	HP 400	New NSPS/ 2015	400
Triple Deck Screen	S2	8'x 20' 6'x14'	NSPS/ post 8/31/2008 but pre 4/22/08	200
Conveyor(s)	JCC-1	36" wide	non-NSPS/ pre 8/31/83	750
Conveyor(s)	JCC-2, JCC-3	28" wide	non-NSPS/ pre 8/31/83	750
Conveyor(s)	JCC-4	30" wide	non-NSPS/ pre 8/31/83	750
Conveyor(s)	C1, C2	30" wide	NSPS/ post	250

			8/31/2008 but pre 4/22/08	
Conveyor(s)	C3, C4, C5, C6	24" wide	NSPS/ post 8/31/2008 but pre 4/22/08	250
Finishing Plant				
Screen	S3	4' x 12' 8'x20'	non-NSPS/ post 8/31/2008	250
Screen	S4	4' x 12' 6'x16'	non-NSPS/ post 8/31/2008	200
Crusher	CR5	HP 300	NSPS/2023	300
Screen	S5	5' x 10' 4'x12'	NSPS/ post 8/31/2008 but pre 4/22/08	200
Screen	S6	5' x 16' 5'x14'	non- NSPS/date	250
Blending Bin	BN2	15 ton	non-NSPS/ post 8/31/2008	60
Holding Bin	BB	20 ton	New NSPS/date	80
Dewatering Screw	SC1	30" x 25'	non- NSPS/wet process	
Conveyor(s)	C1, C3	30" wide	non-NSPS NSPS post 8/31/2008 but pre 4/22/08	250
Conveyor(s)	C2, C4, C5, C7, C8, C9, C10, C11, C13	24" wide	non- NSPS/date	200
Conveyor(s)	C2, C4, C5	24" wide	NSPS post 8/31/2008 but pre 4/22/08	200
Conveyor(s)	C6	18" wide	NSPS post 8/31/2008 but pre	200

			4/22/08	
Conveyor(s)	C6, C12	18" wide	non-NSPS/ post 8/31/2008	200
Conveyor(s)	BBA	36" wide	New NSPS/ post 8/31/2008 but pre 4/22/08	100
Portable Circuit				
Portable Bin	P1A	12'x12'	New NSPS/ post 8/31/2008 but pre 4/22/08	25
HP200 Cone Crusher	P1B	HP200	New NSPS/ post 8/31/2008 but pre 4/22/08	100
Fintec Portable Screen	P2	4'x8'	New NSPS post 8/31/2008 but pre 4/22/08	125
Fintec Portable Prim Belt	P2A	30"	New NSPS post 8/31/2008 but pre 4/22/08	125
Fintec Portable SEC Belt 1	P2B	20"	New NSPS post 8/31/2008 but pre 4/22/08	50
Fintec Portable SEC Belt 2	P2C	20"	New NSPS post 8/31/2008 but pre 4/22/08	50

From: Sean Mackey <smackey@maymead.com>

Sent: Monday, December 4, 2023 11:11 AM

To: Tracy Kefauver <Tracy.Kefauver@tn.gov>

Subject: [EXTERNAL] RE: 46-0078 Maymead Materials, Inc.

Hi Tracy – This took a minute to get together, I have walked through the plants with our foreman. I have attached the diagram as you asked. This is as accurate as I can get it. The belts/conveyors are accurate as listed on the permit.

Call me if you have any questions.

Thank you,

Sean Mackey

Maymead, Inc.

Mobile: 423-571-7159

Office: 423-727-2005

From: Tracy Kefauver <Tracy.Kefauver@tn.gov>

Sent: Monday, November 27, 2023 4:26 PM

To: Sean Mackey <smackey@maymead.com>

Subject: RE: 46-0078 Maymead Materials, Inc.

Thank you for providing the flow diagram with crushers labeled. We received the payment of \$50.

Per our conversation today, we really need a flow diagram with the labels that correspond to the identification numbers in the current permit 077502 (attached) including op flex changes, the date of manufacturer of all equipment if available and verify the capacity of equipment in the permit.

Feel free to contact me with any questions.

Thanks,



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

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From: Sean Mackey <smackey@maymead.com>
Sent: Thursday, November 16, 2023 2:53 PM
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. *****

Good afternoon Tracy,

Please see the attached flow diagram with the crushers properly labeled per our discussion yesterday. I will follow up with the "Emergency Event" letter when it is time. Our quarry is not using that circuit at the moment and probably won't until 12-10-2023, or should I go ahead and send the request now? The check is being mailed today as well.

Thank you,

Sean Mackey

Maymead, Inc.

Mobile: 423-571-7159

Office: 423-727-2005

From: Tracy Kefauver <Tracy.Kefauver@tn.gov>
Sent: Tuesday, November 14, 2023 1:22 PM
To: Wiley Roark <wbr@maymead.com>
Cc: Sean Mackey <smackey@maymead.com>
Subject: 46-0078 Maymead Materials, Inc.

Mr. Roark,

Please see the attached incomplete letter regarding the construction permit application dated October 25, 2023.

Feel free to contact me with any questions.

Thanks,



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

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23.62" coarse
Granite
BN1- SD 169 lbs/ft³
Cr 35 %
Abr 2.8 lbs/st

Maymead Materials 750 TPH Plant



BRUNO Process Simulation

PLANT:

INFO:

LICENSED USER: Lee Powers

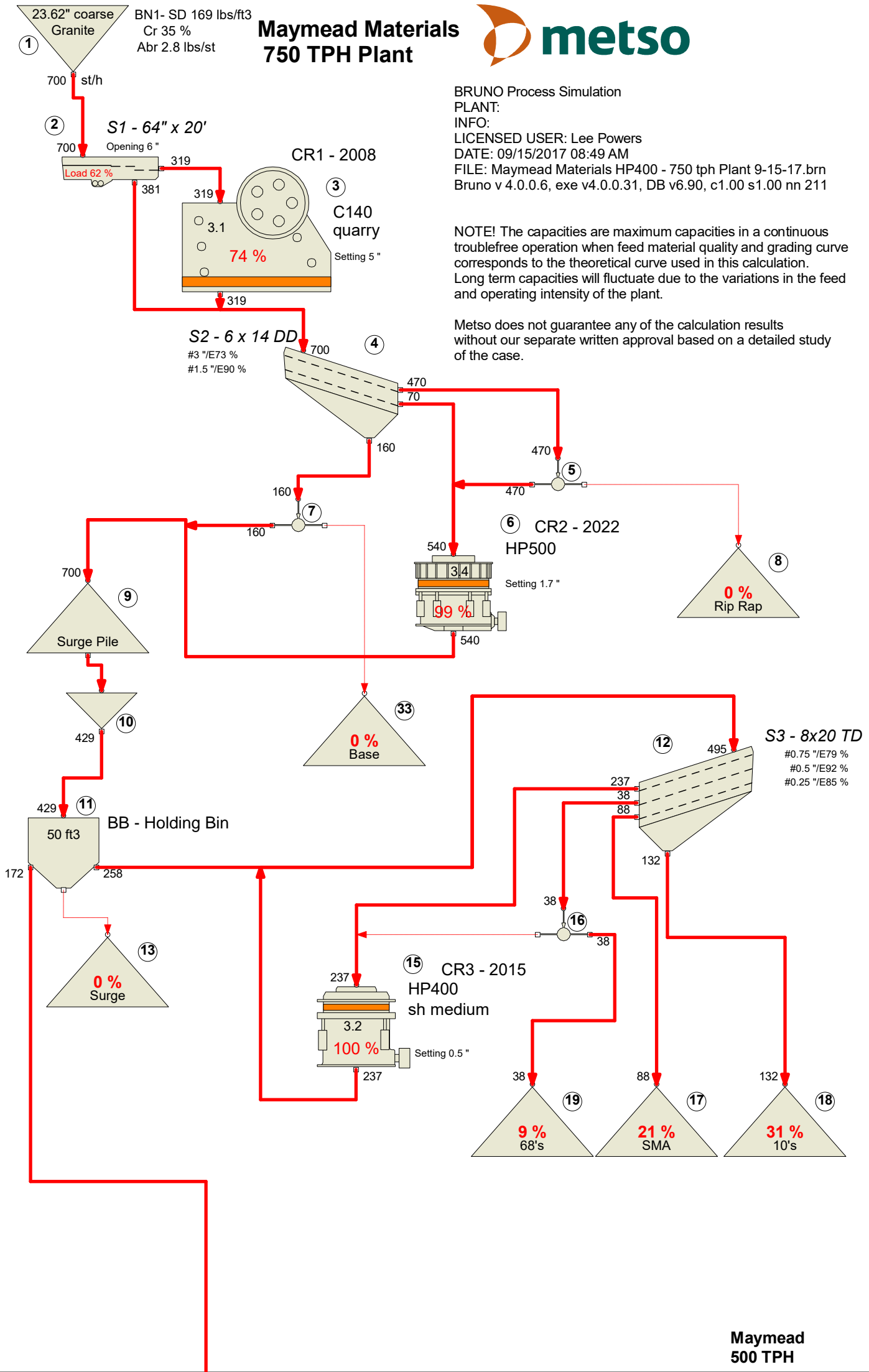
DATE: 09/15/2017 08:49 AM

FILE: Maymead Materials HP400 - 750 tph Plant 9-15-17.brn

Bruno v 4.0.0.6, exe v4.0.0.31, DB v6.90, c1.00 s1.00 nn 211

NOTE! The capacities are maximum capacities in a continuous troublefree operation when feed material quality and grading curve corresponds to the theoretical curve used in this calculation. Long term capacities will fluctuate due to the variations in the feed and operating intensity of the plant.

Metso does not guarantee any of the calculation results without our separate written approval based on a detailed study of the case.



Maymead
500 TPH

