



**west virginia department of environmental protection**

Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone 304/926-0475

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

November 20, 2015

CERTIFIED MAIL  
91 7199 9991 7035 6698 8491

Brian L. Mellott  
Mellott Company  
100 Mellott Drive  
Warfordsburg, PA 17267

RE: **Approved Registration G40-C074**  
Mellott Company  
Proctor & Gamble Warehouse  
Facility ID No. 003-00152

Dear Mr. Mellott,

The Director has determined that the submitted Registration Application and proposed construction and operation of a nonmetallic minerals processing facility demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G40-C and hereby grants General Permit registration authorizing the proposed activity.

General Permit G40-C can be accessed electronically at [www.dep.wv.gov/daq/permitting/Pages/airgeneralpermit.aspx](http://www.dep.wv.gov/daq/permitting/Pages/airgeneralpermit.aspx). Hard copies are available upon request by contacting Danielle Wentz at (304)926-0499 ext. 1193.

Please be aware of the actions required in Monitoring Requirements, Testing Requirements, Recordkeeping Requirements, and the Reporting Requirements.

Should you have any questions, please contact the undersigned engineer at (304)926-0499 ext. 1218 or [steven.r.pursley@wv.gov](mailto:steven.r.pursley@wv.gov).

Sincerely,

Steven R. Pursley, P.E.  
Engineer

Enclosures: Registration G40-C074

*West Virginia Department of Environmental Protection*  
Earl Ray Tomblin  
Governor

*Division of Air Quality*

Randy C. Huffman  
Cabinet Secretary

## Class II General Permit G40-C Registration to Construct



for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation,  
Administrative Update and Operation of  
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to  
construct the stationary sources of air pollutants identified herein in accordance  
with all terms and conditions of General Permit G40-C.*

**G40-C074**

Issued to:  
**Mellott Company**  
**Proctor & Gamble Warehouse**  
**003-00152**

A handwritten signature in blue ink, appearing to read "William F. Durham", written over a horizontal line.

*William F. Durham*  
Director

*Issued: November 20, 2015 • Effective: November 20, 2015*

Facility Location: Inwood, Berkeley County, West Virginia  
Mailing Address: 100 Mellott Drive  
Warfordsburg, PA 17267  
Facility Description: Non-metallic minerals processing plant  
SIC Codes: 1422  
NAICS Codes: 212312  
UTM Coordinates: 755.73 km Easting • 4,365.93 km Northing • Zone 17  
Registration Type: Construction

Subject to 40CFR60 Subpart OOO? Yes  
Subject to 40CFR60 Subpart IIII? Yes  
Subject to 40CFR60 Subpart JJJJ? No

*Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [ §§ 22B-1-1 et seq. ], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.*

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*As a result of the granting of this permit, the source is a nonmajor source subject to 45CSR30. The permittee shall apply for a Title V (45CSR30) permit in accordance with the requirements of 45CSR30 unless granted a deferral or exemption by the Director from such filing deadline pursuant to a request from the permittee.*

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**All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.**

The following sections of Class II General Permit G40-C apply to the registrant:

- Section 5 Nonmetallic Mineral Processing Operations
- Section 6 Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO)
- Section 7 Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO)
- Section 8 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 9 Tanks
- Section 10 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)
- Section 11 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

**Emission Units**

Source ID No.	Emission Unit Description (Make, Model, Serial No.)	Design Capacity		Control Device	Month/Year Constructed, Reconstructed, or Modified	G40-C Applicable Sections
		tons/hour	tons/year			
JC-1	Metso, C120 Jaw Crusher	445	1,068,000	CS-PW	2015	5,7
JC-2	Metso, 116 Jaw Crusher	400	960,000	CS-PW	2015	5,7
JC-3	Metso, 103 Jaw Crusher	400	960,000	CS-PW	2015	5,7
RB-1	Metso, 1213 Jaw Crusher	400	960,000	CS-PW	2015	5,7
OT-1	HP300 Cone Crusher	358	859,200	CS-PW	2015	5,7
OT-2	HP400 Cone Crusher	152	364,800	CS-PW	2015	5,7
OT-3	HP300 Cone Crusher	400	960,000	CS-PW	2015	5,7
TD-1	6 x 20 3-Deck Screen	600	1,440,000	CS-PW	2015	5,7
TD-2	6 x 20 3-Deck Screen	510	1,224,000	CS-PW	2015	5,7
BC-1	Primary Conveyor	600	1,440,000	TC-WS	2015	5
BC-2	Jackbelt Under Crusher	358	859,200	TC-WS	2015	5
BC-3	Jackbelt Under Screen	119	285,600	TC-WS	2015	5
BC-4	Feed Conveyor	0	0	TC-WS	2015	5
BC-5	Reversing Conveyor	600	1,440,000	TC-WS	2015	5
BC-6	Jackbelt Under Screen	100	240,000	TC-WS	2003	5
BC-7	Jackbelt Under Crusher	152	364,800	TC-WS	2003	5
BC-8	Scale Belt	600	1,440,000	TC-WS	1982	5
BC-9	Feed Conveyor	358	859,200	TC-WS	2014	5
BC-10	Return Conveyor	152	364,800	TC-WS	2015	5

BC-11	2A's Conveyor	119	285,600	TC-WS	2015	5
BC-12	3's Conveyor	123	295,200	TC-WS	2015	5
BC-13	1.5 " x 3/4 " Conveyor	153	367,200	TC-WS	2015	5
BC-14	3/4 x 3/8 Conveyor	99	237,600	TC-WS	2015	5
BC-15	<3/8 Conveyor	199	477,600	TC-WS	2015	5
BC-16	Primary Conveyor	400	960,000	TC-WS	2015	5
BC-17	Bypass Conveyor	0	0	TC-WS	2015	5
BC-18	Primary Conveyor	400	960,000	TC-WS	2015	5
BC-19	Bypass Conveyor	0	0	TC-WS	2015	5
BC-20	Under Crusher Conveyor	400	960,000	TC-WS	2015	5
BC-21	Side Conveyor	400	960,000	TC-WS	2015	5
BC-22	Feed Conveyor	400	960,000	TC-WS	2015	5
BC-23	Bypass Conveyor	0	0	TC-WS	2015	5
BC-24	Under Crusher Conveyor	400	960,000	TC-WS	2015	5
BC-25	Return Conveyor	0	0	TC-WS	2015	5
BC-26	3's Jackbelt	123	295,200	TC-WS	2015	5
OS-1	2A's Stockpile	5,027 sq. ft.		SW-WS	2015	5,7
OS-2	3's Stockpile	5,027 sq. ft.		SW-WS	2015	5,7
OS-3	Sand Stockpile	5,027 sq. ft.		SW-WS	2015	5,7
OS-4	8's Stockpile	5,027 sq. ft.		SW-WS	2015	5,7
OS-5	57's Stockpile	5,027 sq. ft.		SW-WS	2015	5,7

**Reciprocating Internal Combustion Engines**

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
CE-1	CAT Model 3412	2015	1081/1800
CE-2	CAT Model 3412	2015	1081/1800
CE-3	CAT Model C27	2015	1214/1800

**Reciprocating Internal Combustion Engines (R.I.C.E.) Information**

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
CE-1	No	No	No
CE-2	No	No	No
CE-3	Yes	No	No

**Emission Limitations**

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
<b>FUGITIVE EMISSIONS</b>		
Stockpiles	0.01	0.05
Unpaved Haulroads	58.62	67.53
Paved Haulroads	0	0
<b>Total Fugitive Emissions</b>	<b>58.63</b>	<b>67.58</b>
<b>POINT SOURCE EMISSIONS</b>		
Equipment Emissions	7.19	8.63
Transfer Point Emissions	3.72	4.47
<b>Total Point Source Emissions</b>	<b>10.91</b>	<b>13.10</b>
<b>TOTAL FACILITY EMISSIONS</b>		
<b>Total Facility Emissions</b>	<b>69.55</b>	<b>80.68</b>

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
CE-1	CAT Model 3412	Nitrogen Oxides	5.49	24.04
		Carbon Monoxide	0.97	4.24
		Volatile Organic Compounds	2.54	11.13
		SO <sub>2</sub>	2.11	9.22
		PM <sub>10</sub>	2.25	9.86
CE-2	CAT Model 3412	Nitrogen Oxides	5.51	24.12
		Carbon Monoxide	0.97	4.26
		Volatile Organic Compounds	2.54	11.13
		SO <sub>2</sub>	2.11	9.22
		PM <sub>10</sub>	2.25	9.86
CE-3	CAT Model C27	Nitrogen Oxides	3.46	15.16
		Carbon Monoxide	0.15	0.67
		Volatile Organic Compounds	2.73	11.97
		SO <sub>2</sub>	2.27	9.92
		PM <sub>10</sub>	2.42	10.61