

PERMIT BOOK



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

MAR 15 2013

Mr. Keith Harris
Plant Engineering Manager
Nestlé Purina PetCare Company, Golden Products Division
22450 E. State Highway Y
Bloomfield, MO 63825

RE: New Source Review Temporary Permit Request - Project Number: 2013-01-058
Installation ID Number: 207-0014
Temporary Permit Number: **032013-009**
Expiration Date: June 10, 2012

Dear Mr. Harris:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request to construct and temporarily operate several pieces of equipment in conjunction with existing equipment at Nestlé Purina PetCare Company, Golden Products Division, located in Bloomfield, Missouri. The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location in accordance with Missouri State Rule 10 CSR 10-6.060(3).

Description: Nestlé Purina PetCare Company, Golden Products Division wishes to construct and operate a pilot program in advance of constructing the full scale project. The full scale project is scheduled to be installed later this year. This equipment will be significantly limited in production rates, emission rates, and operating hours as compared to the final production equipment currently being installed. Operation of this pilot line will provide key process information and feedback to the permittee as they learn to run the new lightweight engineered litter product. This information will be valuable in ensuring a quick start-up of the production process and accelerate the launch of this important new product. This pilot equipment will be removed prior to the start-up of the final production equipment. The pilot equipment list planned for construction can be found on Enclosure A. The equipment flow diagram can be found at Enclosure B. The key timing and emissions estimates are found on Enclosure C.

You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable federal, state, or local agency regulations. Specifically, you should avoid violating 10 CSR 10-6.045 *Open Burning Requirements*, 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.165 *Restriction of Emission of Odors*, 10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*.

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However, we are not applying 40 CFR 60 Subpart OOO—*Standards of Performance for Nonmetallic Mineral Processing Plants* to these pilot processes that will be removed following expiration of this permit. We base this decision on the following facts: the project is shorter in duration than the time of testing; the production and emission capacity is small; and, the permanent equipment that replaces the pilot will be evaluated for the appropriate application of Subpart OOO.

A copy of this letter should be kept with the unit and be made available to Department of Natural Resources' personnel upon verbal request. If you have any questions regarding this determination, please do not hesitate to contact Randy E. Raymond at the departments' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,
AIR POLLUTION CONTROL PROGRAM


Kyra L. Moore
Director

KLM:rrk

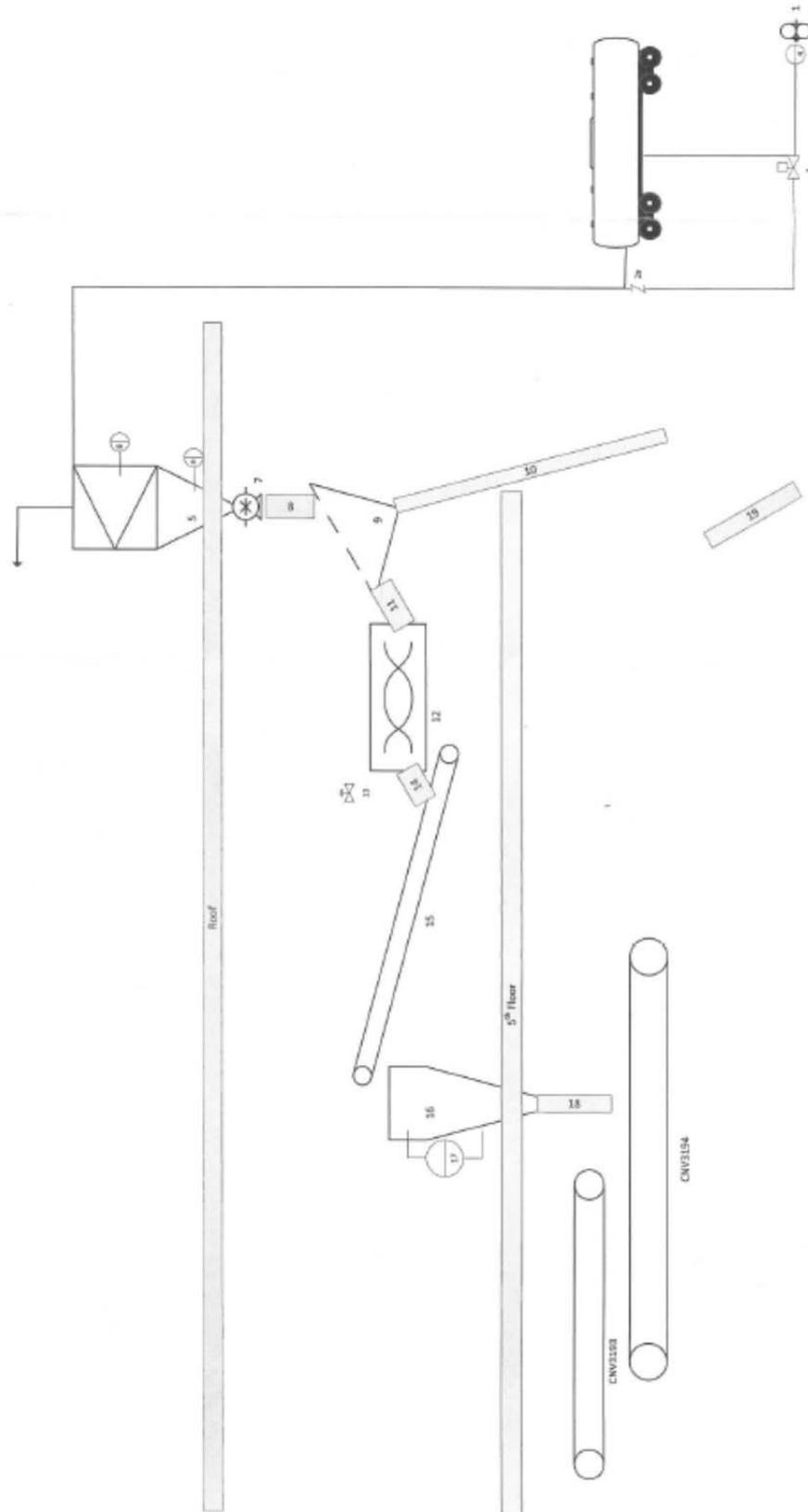
c: Southeast Regional Office
PAMS File: 2013-01-058

Bloomfield 2nd Generation Pilot
Equipment List

Ref #	Size	located	purchased	Hp	Other
1	Model 524A	yes	1/3/2013	20	
2	PD Blower	yes		--	
3	Modulating by-pass valve pipe & elbows	yes	1/3/2013	--	
4	pressure sensor			--	
5	Filter Reciever	yes	1/3/2013	--	4.7 SCFM @ 90 psi/ 24 v solenoids
6	Hi/Low level sensors	yes		--	
7	Air Lock	yes	1/3/2013	2	
8	transition to screen	fabricate		--	
9	Screen	yes	1/3/2013	3	
10	transition/duct to eductor	fabricate		--	
11	transition to enrober	fabricate		--	
12	enrober	yes	rental	--	
13	air solenoid			--	
14	transition to conveyer	fabricate		--	
15	conveyer			--	
16	hopper	fabricate		--	
17	"radar on a rope"	yes		--	
18	removable transition	fabricate		--	
19	divertor/transition from dry screen to recycle	fabricate		--	

ENCLOSURE B

Bloomfield 2nd Generation Pilot
Equipment Flow Diagram



ENCLOSURE C

Key timing and emission parameters for this pilot equipment are included below:

- ❖ Start Date Pilot Equipment Expected to Run: No Earlier than 3/4/13
- ❖ End Date Pilot Equipment Expected to Run: No later than 6/10/13
- ❖ Total Expected Number of Hours Pilot Equipment is expected to Run: 160 Hours
- ❖ Total Maximum Throughput of Perlite Material through Pilot Equipment: 2800 lb/hr
- ❖ Total Maximum Emissions of Perlite PM from Pilot Equipment (Total Aggregate, All Sources): 0.294 lb/hr