



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

July 6, 2015

Mr. James M. Lanzafame
Senior Environmental Technical Engineer
The Doe Run Company
Buick Resource Recycling Facility, LLC
18594 Highway KK
Boss, MO 65440

RE: Request to Perform Maintenance on the Hammermill Crusher
Class 1 Permit Modification with Prior Director's Approval
Buick Resource Recycling Facility, LLC, Boss, Missouri
EPA ID# MOD059200089

Dear Mr. Lanzafame:

The Missouri Department of Natural Resources' (Department) Hazardous Waste Program hereby approves Buick Resource Recycling Facility, LLC's (BRRF) Class 1 Permit Modification (requiring prior Director approval), e-mailed request, received June 16, 2015, to perform needed maintenance on the Hammermill Crusher through the wall of the Paste Bunker. The request was to remove the siding from above the 8 foot concrete/siding interior separation wall between the Paste Bunker (a regulated/permitted hazardous waste containment building) and the Battery Separation Neutralization Area (BSN, not regulated/permitted as a hazardous waste containment building). The temporary removal of this siding is required to perform maintenance on the support structure for the vibrator below the Hammermill Crusher (a permitted Subpart X unit located in the BSN Area). The Department is only approving the removal of siding, as described above, from the separation wall between the Paste Bunker and the BSN Area for a period not to exceed 30 days from the date of this letter. All other modifications needed or realized during this maintenance activity shall be requested separately and require approval by the Department prior to commencement.

The Department would like to take this opportunity to identify how this and any future temporary alterations related to maintenance activities at regulated/permitted units should be handled, as the permit modification regulations of 10 CSR 25-7.270(1) incorporating 40 CFR 270.42 do not specifically address this issue. If BRRF will be maintaining, expanding, and/or adding equipment or controls to a regulated unit and determines that the temporary alterations at a regulated unit are not specifically addressed in Appendix I of 40 CFR 270.42, the following steps shall be taken and all related correspondence shall be copied to the Department's Permits and Compliance and Enforcement Sections.



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1. BRRF shall submit to the Department, 14 business days prior to the expected beginning date of any alterations, a Class 1 Permit Modification requiring prior Director approval. This modification request must follow the requirements per 10 CSR 25-7.270(1) incorporating 40 CFR 270.42(a)(2), and at a minimum clearly describe the need for the alteration(s); the controls that will be in place to mitigate contamination; the expected timeframe for alteration(s) to occur; and the anticipated impacts to any regulated units at the facility.

BRRF's e-mailed request, dated June 16, 2015, will act as the request for needed alteration of a regulated containment building (Paste Bunker) due to maintenance on the Hammermill Crusher. BRRF must send a notice of this modification to everyone on their facility mailing list and the appropriate units of state and local government within 90 calendar days after the date of this letter, per to 10 CSR 25-7.270(1) and 10 CSR 25-7.270(2)(A)6, which incorporate and modify 40 CFR 270.42(a)(1)(ii). BRRF must send a copy of the notice to the Department.

2. Include in any future Class 1 Permit Modification requests a start date for the required alteration(s) to begin. This will act as the facility's notification of anticipated non-compliance per 10 CSR 25-7.270(1), incorporating 40 CFR 270.30(1)(2), in the event that the regulated unit may temporarily not be in full compliance with the governing regulatory requirements.

In discussion with Mr. James M. Lanzafame, e-mail dated June 17, 2015, the beginning date for this potential non-compliance could have been as early as June 20, 2015, and continue through July 14, 2015, requiring approximately 25 days. With this approval the Department, for a period not to exceed 30 days from the date of this letter, considers the afore mentioned wall section of the Paste Bunker under construction, requiring controls to be installed and maintained in place over the entire opening as described in the request to control fugitive emissions and tracking of materials into the BSN Area. During times when the maintenance crews are not working on the support structure for the vibrator below the Hammermill Crusher the opening will be sealed to prevent any releases from the permitted unit. Any releases of material from the regulated unit shall be cleaned up immediately and reported to the Department within 24 hours, detailing the amount of the release, the actions taken to remediate the release, and what additional controls have been instituted to prevent further releases.

3. Within 30 days of the completion of the temporary alterations to the regulated unit, BRRF shall submit documentation signed by the Permittee and a registered professional engineer per 10 CSR 25-7.270(1), incorporating 40 CFR 270.30(1)(2)(i), that the unit once again meets the requirements of the regulations and is ready for its intended use. Such documentation shall include the actual date of the unit's return to compliance and return to use.

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The Department reserves the right to inspect any unit subject to approved temporary alteration prior to operation per 10 CSR 25-7.270(1), incorporating 40 CFR 270.30(l)(2)(ii). The Department intends to specify in its future Class 1 Permit Modification approval letter(s) for temporary alterations whether the Department intends to inspect the unit or not to inspect. This decision will be based on the specific nature and scope of the temporary alteration. For purposes of the alteration addressed by this approval, the Department is not going to require an inspection prior to the Hammermill Crusher being used. Consider this your approval to begin using the Hammermill Crusher as soon as the repairs are complete and the unit is deemed safe.

Please note that this approval applies only to those hazardous waste statutes and regulations and not to any other state or local rule or ordinance. If you have questions regarding this letter, please contact Nathan Kraus, P.E., of my staff at the Missouri Department of Natural Resources, Hazardous Waste Program, P.O. Box 176, Jefferson City, MO 65102-0176, by telephone at (573) 751-3553 or 1-800-361-4827, or by e-mail at nathan.kraus@dnr.mo.gov. Thank you.

Sincerely,

HAZARDOUS WASTE PROGRAM

[Original signed by William Fanska for]

Richard A. Nussbaum, P.E., R.G.
Chief, Permits Section

RAN:nkm

c: Ms. Christine Jump, Missouri State Coordinator, U.S. EPA Region 7
Julie Marks, P.E., Barr Engineering Company
Darcy Bybee, Chief, Compliance and Enforcement Section, Air Pollution Control
Program
Southeast Regional Office, Missouri Department of Natural Resources