



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

September 4, 2015

CERTIFIED MAIL – 7009 0960 0000 8848 7154
RETURN RECEIPT REQUESTED

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

RE: Class 1 Permit Modification with Prior Director's Approval
Alternate Subgrade Elevation and Decreased Capacity of Slag Storage Area
Cell 6
Buick Resource Recycling Facility, LLC, Boss, Missouri
EPA ID# MOD059200089

Dear Mr. Lanzafame:

The Missouri Department of Natural Resources (Department) received Buick Resource Recycling Facility, LLC's (Buick) Class 1 Permit Modification request, dated August 20, 2015. The request was to revise the approved design of Cell 6 of the on-site Slag Storage Area (SSA) landfill, resulting in a decrease of storage capacity of the cell by 12,000 cubic yards. The Department agrees with Buick that this is a Class 1 Permit Modification requiring prior director approval, according to Code of State Regulations 10 CSR 25-7.270(1), which incorporates Code of Federal Regulations 40 CFR 270.42(d)(2)(i). We are approving the Class 1 Permit Modification with the following conditions:

1. The Construction Quality Assurance (CQA) Report that will be submitted for construction of the liner phase of Cell 6 shall detail where the additional subgrade material originated.
2. Any additional steps or testing to verify that this material met the subgrade base specifications shall be identified in the submission of the as-built CQA Report.
3. All future requests for needed changes to the design and/or construction of phases/cells of the SSA landfill shall be submitted to the Department a minimum of 30 calendar days in advance of the needed change.



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Mr. James M. Lanzafame
September 4, 2015
Page 2

4. Within 30 calendar days from the date of this letter, Buick shall submit an updated Part A Permit Application to reflect the change in capacity of the SSA landfill.

Buick must send a notice of the modifications 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, according to 10 CSR 25-7.270(1), which incorporates 40 CFR 270.42(a)(1)(ii). Buick must send a copy of the notice to the Department.

If you need assistance or 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 Richard A. Nussbaum]

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

RAN:nkm

- c: Ms. Gen Bodnar, The Doe Run Company
Ms. Christine Jump, Missouri State Coordinator, U.S. EPA Region 7
Julie Marks, P.E., Barr Engineering Company
Mr. Adam Nanney, Barr Engineering Company
Southeast Regional Office, Missouri Department of Natural Resources