



March 19, 2010

CERTIFIED MAIL –7004 1160 0000 8176 6348
RETURN RECEIPT REQUESTED

Mr. James M. Lanzafame
Environmental Manager
The Doe Run Company
Buick Resource Recycling Facility LLC
18594 Hwy KK
Boss, MO 65440

RE: Class 1 Permit Modification with Prior Director's Approval
Buick Resource Recycling Facility, Boss, Missouri
EPA ID# MOD059200089

Dear Mr. Lanzafame:

This letter is to notify you that the Missouri Department of Natural Resources (Department) reviewed Buick Resource Recycling Facility's (BRRF) Class 1 Permit Modification request, dated January 26, 2010. The modification was requested for three changes.

Utilization of sodium sulfate as an additive to the clay soil utilized for construction of the compacted clay liner portion of the composite landfill base liner for the purpose of decreasing the permeability of the clay liner.

Revision of the landfill cell base elevations to more accurately depict the base elevations after dynamic compaction of the landfill base.

The addition of a second option utilizing a French drain for water drainage as part of the implementation of the Impoundment Area D Preloading plan.

The Department agrees with BRRF that this is a Class 1 Permit Modification requiring prior director approval. The Department hereby approves this Class 1 Permit Modification with the following modification:

Mr. James M. Lanzafame
March 19, 2010
Page 2

Water collected in the French drains and the wick drains shall be properly managed and transported to BRRF's Wastewater Treatment Plant. The water shall not be collected in Impoundment E.

BRRF shall also provide the following:

BRRF shall notify Mr. George Fletcher of my staff, via letter or e-mail, 14 business days prior to initiating construction on Cell 3 and also when initiating preloading of Area D. Along with the notification, BRRF shall provide a timeline for construction activities.

BRRF shall provide weekly updates to Mr. Fletcher, via e-mail, once construction activities have commenced until construction has been completed.

This approval does not apply to the Class 2 Permit Modification BRRF submitted on the January 27, 2010.

BRRF must send a notice of this Class 1 Permit Modification to everyone on the facility mailing list and the appropriate units of state and local government within 90 calendar days after the date of this letter, as outlined in Code of Federal Regulations 40 CFR 270.42(a)(1)(ii). BRRF must send a copy of the notice to the Department.

If you have any questions regarding this letter, please contact Mr. George Fletcher, Environmental Engineer, of my staff at the Missouri Department of Natural Resources, Hazardous Waste Program, P.O. Box 176, Jefferson City, MO 65102-0176, or by phone at (573) 751-3553 or 1-800-361-4827, or by e-mail at george.fletcher@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:gfm

c: Mr. Alan Fandrey, Principals, Barr Engineering Company
Mr. Randy Rohrman, Project Manager, U.S. EPA Region VII
Southeast Regional Office, Missouri Department of Natural Resources