



Mike DeWine, Governor  
Jon Husted, Lt. Governor  
Laurie A. Stevenson, Director

DECEMBER 20, 2019

Mr. Andrew Thompson  
Browning-Ferris Industries of Ohio, Inc.  
5092 Aber Road  
Williamsburg, Ohio 45176

Re: Bigfoot Run I Sanitary Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Warren County  
MSWL019974

**Subject: Bigfoot Run I Sanitary Landfill, Warren County  
Ohio Administrative Code (OAC) Rule 3745-27-13 Authorization**

Ohio EPA DEC 20 '19  
Entered Directors Journal

Dear Mr. Thompson:

On November 12, 2019, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received a request, dated November 12, 2019, titled, "Rule 13 Authorization Request" (Request). The Request was submitted in accordance with OAC Rule 3745-27-13(E) by Browning-Ferris Industries of Ohio, Inc. (BFI), for the closed Bigfoot Run I Sanitary Landfill (Facility) located at 2420 East Mason-Morrow-Millgrove Road, Morrow, Ohio.

OAC Rule 3745-27-13 requires authorization from the director of Ohio EPA (director) before engaging in filling, grading, excavating, building, drilling, or mining on land where a solid waste facility was operated. The Facility operated as a municipal solid waste landfill from 1969 to 1999. BFI requests to add soil to the northwest portion of the landfill measuring approximately one (1) acre in size, and to make modifications to the gas collection system to increase the control and collection of landfill gas. The proposed work will include:

- Adding soil up to two (2) feet in depth to the cap system to correct for differential settlement, ease mowing, and improve drainage.
- Abandonment of six (6) vertical gas extraction wells.
- Installation of four (4) new vertical gas extraction wells.
- Installation of one (1) rock sump with approximately 200 linear feet of horizontal collectors.
- Installation of approximately 500 linear feet of 6" vacuum laterals.
- Installation of approximately 300 linear feet of 3" by 6" dual contained leachate conveyance lines.
- Installation of approximately 300 linear feet of 2" airline
- Replacement of a 12" vacuum header valve.

Based upon a review of the Request, I have determined, pursuant to OAC Rule 3745-27-13, that the proposed activities, if conducted in accordance with the Request as submitted on November 12, 2019, and the following conditions, will not result in violation of applicable laws and regulations, will not create a nuisance, and are unlikely to adversely affect public safety or health or the environment. Therefore, BFI is hereby authorized to perform the activities

outlined in this letter in accordance with the plans, specifications, and information submitted as part of the Request.

As part of this approval, BFI is subject to the following conditions:

### **CONDITIONS**

#### General Conditions:

1. This approval grants authorization to perform activities at the Facility in accordance with the Request as submitted on November 12, 2019. All activities shall be conducted in strict accordance with the plans, specifications, and other information submitted as part of the Request. There may be no deviation from the approved plans without prior written authorization from Ohio EPA. Any future activities at the Facility may require additional Ohio EPA approval.
2. Not later than 72 hours prior to the start of the activities associated with this authorization, BFI shall submit written notification, which specifies the anticipated date of commencement, to Ohio EPA, DMWM, SWDO.
3. Access shall be allowed at the Facility to the director or a representative authorized by the director at any time to make inspections, conduct tests, or examine records and reports pertaining to the authorized activities.
4. All on-site activities shall be accomplished in compliance with all applicable state and federal laws and regulations pertaining to environmental protection, including but not limited to the control of air pollution, leachate, surface water run-on and run-off, and protection of ground water.

#### Operational Conditions:

##### OAC Rule 3745-27-13(H)(4)

5. Any solid and/or hazardous waste to be removed from the Facility shall be collected and securely stored until these materials are properly characterized and disposed of in accordance with Ohio Revised Code (ORC) Chapter 3734 and the regulations promulgated thereunder.
6. Prior to any disposal of waste or contaminated soil from the Facility, BFI shall submit copies of sample analysis results, the treatment or disposal method selected, and a letter of acceptance from the treatment or disposal facility, to Ohio EPA, DMWM, SWDO, pursuant to OAC Rule 3745-27-13(H)(4).

##### ORC Chapter 6111

7. Any liquids, semi-solids, industrial wastes, and other wastes regulated by ORC Chapter 6111 that are removed during intrusive activities shall be collected and securely stored

until these materials are properly characterized and disposed of in accordance with ORC Chapter 6111 and the regulations promulgated thereunder.

OAC Rule 3745-27-13(J)

8. All on-site activities shall be performed in a manner that:
  - a. Prevents migration of leachate, explosive gas, or toxic gas from the Facility;
  - b. Does not create a nuisance or adversely affect public safety or health or the environment;
  - c. Controls fugitive dust and other air emissions; and
  - d. Minimizes the potential for increased infiltration of surface water.
9. For the purposes of erosion control, BFI shall use best management practices and standards as specified in the National Resources Conservation manual titled Rainwater and Land Development prepared by the Ohio Department of Natural Resources, Division of Soil & Water Conservation.

OAC Rule 3745-27-13(H)(6)

10. No boring or excavation shall occur within the limits of waste placement unless any excavated waste is replaced within previously existing horizontal and vertical limits of waste placement or is treated or disposed of at a licensed, permitted treatment or disposal facility, in accordance with ORC Chapter 3734 and the regulations promulgated thereunder.

OAC Rule 3745-27-13(H)(7)

11. If boring or excavation occurs outside the limits of waste placement at the Facility, BFI shall not use material consisting of solid waste or hazardous waste to backfill the bored or excavated areas.

OAC Rule 3745-27-13(H)(10)

12. Not later than 60 days after completing the activities authorized through this approval, BFI shall submit to Ohio EPA, DMWM, SWDO, a certification report in accordance with OAC Rule 3745-27-13(H)(10).

OAC Rule 3745-27-13(M)

13. This authorization shall terminate 3 years after its effective date if BFI has not begun the activities authorized herein.

OAC Rule 3745-27-13(O)

14. The director may revoke this authorization if BFI violates, or is likely to violate, any applicable law or if continued implementation of the approved plans may cause a threat to human health or safety or the environment.



**END OF CONDITIONS**

Nothing in this letter shall be construed to authorize any waiver from the requirements of any applicable federal or state laws or regulations except as specified herein. This authorization shall not be interpreted to release BFI from responsibility under ORC Chapters 3704, 3714, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, the Toxic Substances Control Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements for remedying conditions resulting from any release of contaminants to the environment.

You are hereby notified that this action of the director is final and may be appealed to the Environmental Review Appeals Commission (Commission) pursuant to ORC Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
30 East Broad Street, 4<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions regarding this authorization, please contact Richard Miller of Ohio EPA, SWDO at (937) 285-6647.

Sincerely,



Laurie A. Stevenson  
Director

ec: Andrew Thompson, BFI  
Maria Lammers, DMWM, SWDO  
Jeremy Carroll, DMWM, CO  
Daniel Deborde, BEL Engineering