



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

100 N. Senate Avenue • Indianapolis, IN 46204  
(800) 451-6027 • (317) 232-8603 • [www.idem.IN.gov](http://www.idem.IN.gov)

Eric J. Holcomb  
Governor

Bruno L. Pigott  
Commissioner

April 18, 2018

Kevin Day, Project Manager  
Fox Contractors Corp.  
5430 W. Ferguson Road  
Fort Wayne, Indiana 46809

**APR 18 2018**

Re: Approval AC-220578 Pursuant to 326 IAC 4-1  
**APPROVED**

Dear Mr. Day:

Your application for use of a 10 tons per hour McPherson Systems Inc. M30F air curtain destructor for the disposal of cleared tree waste has been reviewed. Based on information submitted and the provisions of 326 IAC 4-1-7, it has been determined that the use of this unit is approved.

This approval of this air curtain open-pit destructor is valid only for the open burning of ~60,000 cubic feet of cleared tree waste derived from the ~6 acres of clearing conducted within Republic Services' Wabash Valley Landfill, located at 316 Spring Valley Road, Wabash, Wabash County. The air curtain will be operated in the area >1,000ft. NE of the active portion of the landfill.

Following are the conditions for operation of the air curtain destructor:

1. The owner or operator of an air curtain destructor shall provide a start up notification to this office by phone (317-233-5672 or if in Indiana 800-451-6027 ext. 3-5672) or by fax (317)233-6865 at least seven (7) days prior to the start up of this approval at the listed project site.
2. The following contacts must be notified at least twenty-four (24) hours in advance of the date and time of the burning:
  - Wabash County Health Department
  - Wabash County Sheriff's Department
  - Wabash Fire Department
  - Wabash Valley Landfill
3. Only untreated wood products shall be burned, except for minimal amounts of uncontaminated petroleum products that may be used for ignition.
4. No burning shall be conducted:
  - (a) When an Air Quality Action Day has been issued for ozone and/or PM<sub>2.5</sub>;
  - (b) When an open burning ban has been officially declared by either state or local officials; or
  - (c) During unfavorable meteorological conditions (high winds, temperature inversions, and/or air stagnation).Visit <<http://www.in.gov/apps/idem/smog>> or contact Mark Derf at 317-233-5682 or 800-451-6027 ext. 3-5682 (in Indiana) for additional information.
5. The air curtain destructors shall not be operated prior to one (1) hour after official sunrise, the fire shall not be fed after two (2) hours before official sunset, the fire must be completely extinguished by official sunset, and at least one (1) foot of dirt must be placed over the ashes in the pit by official sunset.
6. An air curtain destructor site shall be located no less than two hundred fifty (250) feet from any private residence, public roadway, power line, or structure, and no less than five hundred (500) feet from any pipeline.
7. An air curtain destructor site shall not be located within one thousand (1,000) feet of a landfill or transfer station as defined in 329 IAC 2-2-1 (Landfill is now considered as a solid waste disposal facility as defined in 329 IAC 10-2-176; transfer station as defined in 329 IAC 11-2-47).
8. An air curtain destructor shall not be permanently located at any site.
9. An air curtain destructor shall be attended at all times while burning and until combustion is complete.
10. Adequate firefighting equipment shall be maintained at an air curtain destructor site at all times during operation.
11. Burning shall not create or contribute to an air pollution problem; a nuisance; or a fire hazard.
12. An air curtain destructor and pit shall be maintained and operated according to manufacturer's specifications and recommendations.
13. The fan blades of the air curtain destructor shall be regularly cleaned to reduce buildup of dirt and debris.
14. All canisters must be properly aligned, connected, and maintained so as to prevent leaks between adjacent canisters.

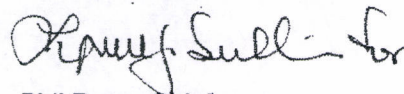


15. The nozzles must be maintained in good working condition. The minimum average velocity at the nozzle must be nine thousand fifty (9,050) feet per minute, and the air flow at the nozzle must be a minimum of seven hundred fifty (750) cubic feet per minute per foot of length.
16. The engine running the air curtain destructor fan must be maintained in proper working condition.
17. The width of the pit shall not extend beyond the length of the nozzle action.
18. The distance from the air curtain destructor to the opposite wall of the pit shall not exceed ten (10) feet.
19. The depth of the pit shall be of such distance to allow all burning material to be below the curtain of air created by the air curtain destructor.
20. All nozzles shall be aligned and directed toward the opposite wall so that the air strikes the opposite wall at least three (3) feet below the grade upon which the air curtain destructor is located so that the air tumbles in the pit.
21. The air curtain destructor shall not be at a higher elevation than the elevation of the opposite wall.
22. The pit shall be enclosed on four (4) sides, and the walls shall be perpendicular to level ground.
23. Material being loaded into the pit shall be picked up and dropped into the pit, and at no time shall the material protrude through the curtain of air while burning.
24. The approval letter shall be made available at the burning site to state or local officials upon request.
25. Merchantable wood products shall not be burned.
26. All burning must comply with other state and local regulations, such as local health department regulations.
27. This approval will not take effect for eighteen days from the date at the top of this letter.
28. Burning shall be terminated immediately at any air curtain destructor site that does not comply with any of the conditions listed above.

**This approval will expire April 20, 2019.**

If you have any questions concerning this letter, please contact Brock Jones at 317-233-2721 or 800-451-6027 ext.3-2721 (in Indiana), [bjones2@idem.IN.gov](mailto:bjones2@idem.IN.gov), or write to him at the above address.

Sincerely,



Phil Perry, Chief  
Compliance & Enforcement Branch  
Office of Air Quality

Approval AC-220578

cc: Wabash County Health Department  
Wabash County Sheriff's Department  
Wabash Fire Department  
Property Owner: Republic Services (corporate HQ)  
Wabash Valley Landfill  
Wyman Clark, IDEM OAQ  
Patrick Burton, IDEM OAQ  
Brock Jones, IDEM OAQ