



K A N S A S

DEPARTMENT OF HEALTH AND ENVIRONMENT

PERMIT APPLICATION FOR A BIOREMEDIATION LANDFARM

1. Applicant's Name _____

Address _____
(Street or Rural Route) (City & State) (Zip)

Person to contact _____ Title _____

Phone _____ Fax _____ E-mail _____

2. Applicant Type

State Agency _____ Private Individual or Firm _____ County _____ City _____ Township _____

If other - explain _____

3. Site Address

(Street Number, Road, Highway) (City)

4. Site Location

County _____, 1/4 Section _____, Section _____, Township _____, Range _____

5. Is this facility consistent with an officially adopted county solid waste management plan?

Yes ___ No ___ If yes, identify that plan _____

6. Site Area (acres) _____

Area to be used by processing facility (acres) _____

Area to be used for storage (acres) _____

7. This application restricts the site by the following definitions:

"Solid waste processing facility" means incinerator, composting facility, household hazardous waste facility, waste-to-energy facility, transfer station, reclamation facility or any other location where solid wastes are consolidated, temporarily stored, salvaged or otherwise processed prior to being

transported to a final disposal site. This term does not include a scrap material recycling and processing facility.

8. Attach a copy of the "**Site Plan**".

Site Plan:

The following **maps** must be used and included as part of a site plan:

- a. A **site location** map showing section, township, range, and site boundaries. A description of adjacent properties including land use, names and addresses of property owners. If proposed site is adjacent to a public road or street include property across the street or road.
- b. A **site layout drawing** showing the size and location of all pertinent constructed and natural features of the site including roads, fire lanes, ditches, berms, culverts, structures, wetlands, floodways, surface waters and projected site utilization including all site structures (such as buildings, fences, gates, entrances and exits, parking areas, on-site roadways, and signs) and the location of all water supplies.
- c. A **FEMA floodplain map** with the site location drawn on it.
- d. A **facilities layout drawing** which shows the arrangement of equipment on the site, storage facilities, traffic flow, and waste storage areas.

9. Is the site an existing processing facility? _____ Is the site a proposed new processing facility? _____

10. Site owned by applicant _____ Site leased by applicant _____

If site is leased, please fill in the following information:

Owner of Record _____

Address _____ City _____ State _____ Zip _____

Lease negotiated in (year) _____

Number of years remaining on lease _____ Include copy of lease.

11. Site characteristics (General Description)

12. Drainage of site (Provide drawings of drainage facilities)

- a. Natural _____ Acres
- b. Storm Sewers _____ Acres
- c. Farm Tile _____ Acres
- d. Open Ditch _____ Acres

13. Land use permitted under official land use plan within one mile radius (if there is a land use map please attach). (If land is not zoned, use "0"; if land use agrees with zoning, mark "Z"; if land use and zoning do not agree mark "V")

| | South | West | North | East |
|---------------------|-------|-------|-------|-------|
| a. Residential | _____ | _____ | _____ | _____ |
| b. Commercial | _____ | _____ | _____ | _____ |
| c. Light Industrial | _____ | _____ | _____ | _____ |
| d. Heavy Industrial | _____ | _____ | _____ | _____ |
| e. Rural | _____ | _____ | _____ | _____ |
| f. Mixed | _____ | _____ | _____ | _____ |

14. Access roads serving site

- a. City _____
- b. Township _____
- c. County _____
- d. State _____
- e. Interstate _____
- f. Other (explain) _____

15. Types of road surface serving the site (indicate whether on or off site)

- a. Concrete _____
- b. Asphalt _____
- c. Seal Coat _____
- d. Soil Cement _____
- e. Gravel _____
- f. Crushed Stone _____
- g. Dirt _____
- h. Other _____

16. Provide a site operations plan.

- a. A description of the general operating plan for the proposed facility including the origin, composition, and expected weight or volume of all solid waste to be accepted at the facility, the maximum time any such waste will be stored, the proposed capacity of the facility, the proposed operating hours of the facility, and the expected life of the facility;
- b. a description of all machinery and equipment to be used, including the design capacity;
- c. a description of the facility's drainage system and water supply system;
- d. procedures for dust suppression and fugitive emission control at the disposal area and on haul roads.

17. Distance to Principal Community Center

- a. Average haul distance (miles one way) _____
- b. Characteristics of areas adjacent to major haul routes within one-half mile of the site (residential, commercial, schools, agricultural, etc.)

18. Utilities (state whether on-site or nearby)

- a. Water (describe) _____
- b. Electricity _____
- c. Telephone _____
- d. Sanitary Sewers _____
- e. Non-Overflowing Waste Stabilization Pond _____
- f. Privies _____

19. Hours of Operation

(An employee must be present at this site during these hours of operation)

| DAY | MON | TUE | WED | THU | FRI | SAT | SUN |
|-------|-----|-----|-----|-----|-----|-----|-----|
| HOURS | | | | | | | |

20. Attach a copy of "**Certificate of Insurance**" for proof of liability of insurance in accordance with KAR 28-29-2201. The coverage shall include coverage of the premises and operations, including operations of independent contractors.

21. Service Areas

- a. Processing facility to serve:
City _____ Township _____ County _____ Business _____ Others _____
- b. Will site be open to the general public? Yes _____ No _____
- c. Population data:
 - 1. Population served by processing facility: Now _____ Next 10 Years _____
 - 2. Total area population: Now _____ Next 10 years _____

22. Restrictions
- a. Types of solid wastes accepted:
Residential _____ Commercial _____ Agricultural _____ Industrial _____ Other _____
- b. List specific types of wastes from the process to be treated in this landfarm.

23. Employees and Equipment
- a. Number of employees on site (average daily) _____
- b. Equipment on site (average usage)

24. Fire Protection Available
- a. Water _____
- b. Firebreak _____
- c. Municipal fire protection (specify) _____

25. Estimated Number of Loads Daily (estimate quantities in tons or cubic yards)
- a. Number of loads daily _____
- b. Quantity Tons _____ Cubic Yards _____

26. Attach a copy of the "**Closure Plan**" as required by KSA 65-3406.
- The closure plan shall include:
- a. **When** or under what circumstances the site will be closed;
- b. **How** will the site be properly closed;
- c. A **schedule** for the applicable closure procedures, including the time period for completing the closure procedures;
- d. **Closure cost estimates** must be third party costs and submitted on the proper form found in the Closure Cost Estimating Handbook; and
- e. A **description** of the land use after the site is completed, final contours (contour intervals of two feet or less) and surface water drainage.

Closure procedures include complete remediation, cleanup, and grading of the active area with the finished surface maintained with adequate topsoil and seeded to provide suitable vegetation immediately upon

completion of the active area, or immediately in the spring on areas terminated during winter conditions. If necessary, seeded slopes shall be covered with straw or similar material to prevent erosion. Prior to completion of the landfarm closure, the Department shall be notified in order that a site investigation may be conducted.

- 27. Attach the completed closure cost estimating worksheet "*Closure Cost Estimate Worksheet for Solid Waste Landfarm*" provided by the Department.
- 28. Private entities are required to submit a financial assurance instrument for the amount calculated on the closure cost estimating worksheet. Allowable financial assurance methods are listed in K.A.R. 28-29-2101. **This financial assurance instrument must be received prior to the beginning of the public notice period.**
- 29. Attach the completed "**DISCLOSURE STATEMENT**" provided by KDHE.
- 30. Three copies each of the completed application and attachments are required; however only one copy should be submitted for the department's initial review.
- 31. Comments:

- 30. Application fee of \$2000. "A city, county, or other political subdivision or state agency shall be exempt from payment of the fee but shall meet all other provisions." (K.S.A. 65-3407(e)).

Permit Fee Enclosed _____ Performance Bond Posted (if required by local agency) _____

Signature of Applicant

Name (Print or Type)

Title

Organization

Date

BIOREMEDIATION LANDFARM CERTIFICATION

Applicant's Name _____

As specified in K.S.A. 65-3407 Permits to construct, alter or operate solid waste processing facilities and solid waste disposal areas, the secretary shall require the following information as part of this application:

Solid Waste Management Plan Consistency

- (1) Certification by the board of county commissioners or the mayor of a designated city responsible for the development and adoption of the solid waste management plan for the location where the processing facility or disposal area is or will be located that the processing facility or disposal area is consistent with the plan. This certification shall not apply to a solid waste disposal area for disposal of only solid waste produced on site from manufacturing and industrial processes or from on-site construction or demolition activities.

- The Facility Or Disposal Area Is Consistent With Solid Waste Management Plan**
 The Facility Or Disposal Area Is Not Consistent With Solid Waste Management Plan

| | | |
|-------------------------------|-------------------------|-------------------------|
| _____ Name (Print or Type) | _____ Signature | |
| _____ Title | _____ Date | |
| ----- | | |
| _____ County or City | _____ Street Address | _____ City, Zip Code |

Zoning or Land Use Consistency

- (2) If the location is zoned, certification by the local planning and zoning authority that the processing facility or disposal area is consistent with local land use restrictions or, if the location is not zoned, certification from the board of county commissioners that the processing facility or disposal area is compatible with surrounding land use.

Zoned

- The Facility Or Disposal Area Is Consistent With Local Land Use Restrictions Or Zoning**
 The Facility Or Disposal Area Is Not Consistent With Local Land Use Restrictions Or Zoning

Not Zoned

- The Facility Or Disposal Area Is Compatible With Surrounding Land Use**
 The Facility Or Disposal Area Is Not Compatible With Surrounding Land Use

| | | |
|-------------------------------|-------------------------|-------------------------|
| _____ Name (Print or Type) | _____ Signature | |
| _____ Title | _____ Date | |
| ----- | | |
| _____ Agency or County | _____ Street Address | _____ City, Zip Code |

If a special use permit is required, please attach a copy to this application.