

PERMIT  
FOR THE CONSTRUCTION AND/OR OPERATION  
OF A SOLID WASTE DISPOSAL  
FACILITY

Permit No. 0083-SK-1

Revised Date: August 30, 1990  
EFFECTIVE DATE December 1, 1975

Arkansas Waste Recovery, Inc.  
P.O. Box 22  
Cameron Village, Arkansas

Engineer: Bond Consulting

This permit is your authority to construct and/or operate the Solid Waste Disposal Facility set forth in your application dated 6/27/90. This permit is issued pursuant to the provisions of the Arkansas Solid Waste Management Act (Act 237 of 1971; Sec. 82-2701 et seq., Ark. Stats.), hereinafter called the "Act", the Arkansas Solid Waste Management Code, hereinafter called the "Code", and all other applicable rules and regulations of the Department of Pollution Control and Ecology, hereinafter called "Department", and the following terms and conditions:

1. The disposal facility shall be constructed, maintained, and operated in accordance with the final plans and specifications as approved by the Department and in compliance with all applicable provisions of the Act, the Code, and all other applicable rules and regulations.
2. This permit shall automatically terminate unless construction of the disposal facility has been commenced within 11/1 day(s) of the date hereof and completed with all reasonable diligence. The Department shall be notified in writing when the disposal facility has been completed in order that it may be inspected.
3. The disposal facility shall be operated by qualified personnel and maintained in good operating condition at all times.
4. This permit may be revoked or modified whenever, in the opinion of the Department, the facilities are no longer in compliance with the Act, the Code, and applicable rules and regulations. This permit shall not relieve the permittee, its agents or employees, from compliance with all provisions of the Act and the Code.
5. Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the disposal facility.
6. This permit is issued in reliance upon the statements and representations made in the application and the plans and specifications and the Department has no responsibility for the adequacy or proper functioning of the disposal facility.

PLEASE SEE ATTACHED SHEET FOR ADDITIONAL CONDITIONS.

Approved:

DEPARTMENT OF POLLUTION CONTROL & ECOLOGY

By [Signature]  
Director

Sept 5, 1990  
Date

ADDITIONAL CLASS I CONDITIONS

ARKANSAS WASTE RECOVERY, INC.

7. This permit is for the original forty acre site, however, engineering design is approved only for Phase I area as shown on the June 1990 blueprints. Furthermore the design for phase I may need to be upgraded again due to new USEPA design criteria.

8. You should submit quarterly or more often quality assurance reports from your consulting engineer that address the actual construction of the bottom liner and the leachate collection system. This engineering report shall address the following:

- (a) Density testing shall be conducted on 100 feet centers. For the first and second lifts. Only liner meeting 90% standard proctor may be used.
  - (b) Permeability testings shall be conducted on 300 feet centers for the liner surface.
  - (c) Report the general quality of the construction and the adherence to the blueprints.
  - (d) Suggest any modifications that would improve the construction and operations.
  - (e) Report the compacted in place volume rate that the fill capacity is being used up.
  - (f) Measure the amount of leachate being generated.
  - (g) Report the final disposal site for the leachate.
  - (h) Report the closure progress on the old western portion of this forty acres.
9. Leachate analysis shall be conducted once per year and submitted to the Department. Samples shall be analyzed for the following:

- a. TOC
- b. Chlorides
- c. Cd
- d. Zn

- e. pH
- f. TDS
- g. Ni
- h. Total Chromium
- i. Pb

10. Any municipal incinerator ash shall be disposed of in a monofill with double liners, impervious cap, leachate collection system and separate monitoring well system.

11. Municipal sewage treatment plant sludges except those strictly from a domestic source, shall be disposed of in a monofill with double liners, impervious cap, leachate collection system and separate monitoring well system.

12. The Department, its employees, agents or any authorized person shall have the right to enter the property at any time for any reason as set out in the Arkansas Solid Waste Code for the purpose including but not limited to taking of samples, inspection, and any other enforcement or engineering action, without interference or delay from the permittee.

13. Each of the groundwater monitoring wells shall be analyzed twice annually unless more frequent monitoring is deemed necessary by the Department. Results submitted to the Department after each analysis shall include the following parameters: Cd, Pb, Zn, Chlorides, TDS, COD, Pb and pH.

14. The permittee shall not operate this landfill without adequate financial closure assurance to be approved by the Department. This financial assurance must be set out in form as outlined in the Arkansas Solid Waste Code and also meet the requirements of Act 531.

15. The financial closure assurance must be submitted and in effect before any of the forty acres can continue to be used for landfilling.

16. Blueprints and permit shall be kept at the landfill at all times.