



## STATEMENT OF BASIS

Dow Chemical USA  
Magnolia, Arkansas  
Permit No. 3-H

The Arkansas Department of Pollution Control and Ecology proposes to issue a permit under the Arkansas Hazardous Waste Management Act (Act 406 of 1979) for the operation of a hazardous waste storage facility located at Highway 132, Magnolia, Arkansas. The hazardous waste management facility is to be used to store hazardous wastes generated from on-site manufacturing processes. The proposed permit authorizes the storage in containers (drums) of the following wastes or types of wastes:

- (a) spent non-halogenated wastes
- (b) 1,2-Dibromo-3-Chloropropane (DBCP) and contaminated materials, i.e. clothes, wood pallets, etc.
- (c) 1,2-Dibromoethane (EDB)
- (d) Ignitable waste (styrene waste) generated during periodic equipment clean-up or in the event of incidental spills or transportation emergencies.
- (e) Lead Bromide wastes from tank car cleaning (every five years)
- (f) Floor sweepings containing Barium Stearate.

The proposed permit is for a period of five years at which time a new permit application must be submitted. All of the regulatory requirements contained in 40 CFR Parts 264 and 270 have been incorporated into the permit, including the provisions of 40 CFR 264 Subparts A through E, G, H, and I, 40 CFR 270 Subparts A through E, and the applicable provisions of the Arkansas Hazardous Waste Management Code, as amended as of November 3, 1983.

A copy of the public notice describing the procedures for the formulation of final determinations will be provided to the Arkansas Game and Fish Commission, the Arkansas Department of Natural and Cultural Heritage, the Arkansas Soil and Water Conservation Commission, the Arkansas Department of Health, and the Arkansas Geological Commission, and to those persons/organizations whose names appear on the mailing list maintained by the Department.

## NOTICE OF EXTENSION ON DOW PERMIT REVIEW

The Arkansas Commission on Pollution Control and Ecology announces an extension of 30 days to allow public review of a draft permit for Dow Chemical USA of Magnolia, Arkansas, for storage of hazardous waste in containers. The permitting authority is contained in the Arkansas Hazardous Waste Management Act (Act 406 of 1979) and the Arkansas Hazardous Waste Management Code, adopted in 1981.

Dow Chemical plans to operate a facility already existing under interim status of federal hazardous waste regulations. A maximum of 100 drums of waste will be stored at the facility. They will contain spent non-halogenated solvents, 1,2-Dibromo-3-Chloropropane (DBCP), 1,2 Dibromoethane (EDB), styrene and other ignitable wastes. In addition, floor sweepings containing barium stearate and tank car cleaning wastes containing lead bromide will be stored at the site.

Copies of the permit will remain available for public review at the Department of Pollution Control and Ecology, 8001 National Drive in Little Rock and at the Magnolia Public Library, 220 East Main Street, through January 20, 1984. Persons wishing to submit written comments on the draft permit may write or visit the Department at the above address no later than 5:00 p.m., January 20, 1984. Persons may also request a public hearing on the permit being proposed. The request should be in writing and should state the nature of any issue(s) to be raised at the hearing.

Persons who are unable to review the draft permit and attachments at one of the locations listed above may obtain a draft permit at a charge of \$25.00 from the Department of Pollution Control and Ecology. The statement of basis for Dow Chemical at Magnolia may be obtained from the Department on request free of charge.

Dated this 14th day of December 1983

Phyllis Garnett, Ph.D.  
Director, Department of Pollution Control  
and Ecology

## NOTICE OF PERMIT APPLICATION

The Arkansas Department of Pollution Control and Ecology (ADPC&E) has completed a draft permit for Dow Chemical USA, of Magnolia, Arkansas for storage of hazardous waste in containers. The permitting authority is contained in the Arkansas Hazardous Waste Management Act (Act 406 of 1979) and the Arkansas Hazardous Waste Management Code, adopted in 1981.

Dow Chemical USA plans to operate an existing on-site hazardous waste container storage facility at its plant on Highway 132, Magnolia. The facility has been issued an Environmental Protection Agency Identification Number of ARDQ41580762. A maximum of 100 drums will be stored at the facility. They will contain spent non-halogenated solvents, 1,2-Dibromo-3-Chloropropane (DBCP), 1,2 Dibromoethane (EDB), styrene and other ignitable waste. In addition, floor sweepings containing barium stearate and tank car cleansing wastes containing lead bromide will be stored at the site.

Copies of the permit, including a statement of basis, permit conditions, maps of the facility, and additional information are available for public review during the comment period that begins with the issuance of this notice and continues for 45 days. These documents will be available at both the Department of Pollution Control and Ecology, 8001 National Drive in Little Rock and at the information depository at Magnolia Public Library, 220 East Main Street.

Persons wishing to comment on any aspect of the draft permit may submit written comments to the Department of Pollution Control and Ecology, 8001 National Drive, Post Office Box 9583, Little Rock, Arkansas 72219. These comments should be received no later than 5:00 p.m., December 20, 1983.

Persons may also request a public hearing on the permit proposed for the facility. This request must be in writing and should state the nature of the issue(s) to be raised at any hearing to be scheduled.

Based on written comments received at the Department, comments received as a result of a hearing (if one is held) and on staff recommendations, the Commission on Pollution Control and Ecology will either approve or deny the permit for Dow Chemical USA. If final determinations on the permit are substantially changed from those which are offered for public review with issuance of this notice, a subsequent notice will be issued and another period of review and comment will be observed.

Persons who are unable to review the draft permit and attachments at one of the locations listed above may obtain a draft permit at a charge of \$25.00 from the Department of Pollution Control and Ecology. The statement of basis for Dow Chemical USA can be obtained from the Department on request free of charge.

Dated this 3rd day of November 1983

Phyllis Garnett, Ph.D., Director  
Department of Pollution Control & Ecology