04/27/98 MON 08:37 [TX/RX NO 8743]

Attn: Andy Glenny 8
APR 2 1 1998
From: John Dzoy

STATE OF MICHIGAN

JOHN ENGLER, Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"

HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us

RUSSELL J. HARDING, Director

REPLY TO:
WASTE MANAGEMENT DIVISION
PO BOX 30241
LANSING MI 48909-7741

April 20, 1998

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Robert J. Kane, Senior Vice President
Medusa Corporation
P.O. Box 5668
Cleveland, Ohio 44101-0668

Dear Mr. Kane:

SUBJECT: Construction Authorization of Solid Waste Disposal Area Medusa Portland Cement Company, Charlevoix County

The Michigan Department of Environmental Quality, Waste Management Division (WMD), has reviewed the Type III landfill proposal consisting of documents entitled, "Type III Landfill Development Plan;" "Landfill Engineering Design Report, Volume II;" "Hydrogeologic Report and Environmental Assessment, Volume III," dated August of 1997; and amendments for the Medusa Portland Cement Company (Medusa) located at 16000 Bells Bay Road, Charlevoix, Michigan. This review was conducted under the provisions of Part 115, Solid Waste Management, of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, Michigan Compiled Laws 324.11501 *et seq.*, and rules promulgated thereunder.

Based upon our review of Medusa's landfill development plans, submitted in accordance with R 299.4302(3), the WMD authorizes Medusa to proceed in constructing the proposed Type III low-hazard industrial waste landfill for cement kiln dust (CKD) disposal. This approval for a single-composite liner design for an unmonitorable unit which will be monitored by surface water monitoring points, as per R 299.4318 (2)(b), is contingent upon Medusa obtaining National Pollutant Discharge Elimination System (NPDES) coverage for this flow.

If the NPDES coverage permit for the landfill is not obtained prior to applying for an operating license, the WMD is requiring that Medusa submit revised engineering plans meeting the requirements of R 299.4307(6), which states, "A new unit or a lateral extension of an existing unit at a type III landfill that is an unmonitorable unit shall not be licensed unless the unit contains a leak detection system or other means of monitoring performance of the unit."

In accordance with R 299.4302 (3), upon completing the construction of the landfill, Medusa shall submit a complete operating license application to the WMD in order to obtain an operating license. The requirements for submitting a complete operating license application are specified in R 299.4922. Enclosed is an operating license application form.

By March 1, 1999, the WMD is requiring the CKD generated by Medusa be disposed at an on-site licensed disposal facility, transported off-site to a licensed disposal facility, or recycled in accordance with state regulations. Failure to comply with the provisions of this approval may result in the WMD taking escalated enforcement actions against Medusa.

If you have any questions, please do not hesitate to contact Mr. Philip Roycraft, WMD Cadillac District Supervisor, at 616-775-3960, extension 6200.

Sincerely,

Jim Sygo, Chief
Waste Management Division
517-373-9523

Enclosure

cc: Mr. John Laney, Medusa
Mr. Alan Howard, DEQ
Mr. Dave Hamilton, DEQ
Mr. Frank Ruswick, DEQ
Ms. Joan Peck, DEQ
Mr. Mike Stifler, DEQ - Cadillac
Mr. Philip Roycraft, DEQ - Cadillac