APPLICATION
PERMIT TO CONSTRUCT A DAM and IMPOUND SURFACE WATER

MDEQ - OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 2309
JACKSON, MS 39225
PHONE (601) 961-5061

If there are any homes, commercial buildings, public utilities, railroad facilities, public roads or other publicly owned assets within two miles downstream of the proposed construction site, applicant must consult with a registered professional engineer or local Natural Resource Conservation Service (NRCS) prior to completing this application. (Not all dams qualify for NRCS assistance). Also, applicant should consult with the U.S. Army Corps of Engineers to see if a 404 permit may be required and with the MDEQ Office of Pollution Control on construction storm water permitting.

This application is for: (Check One)

_____ Surface water impoundment and construction of a new dam.
_____ Enlargement, modification, alteration, or repair of an existing dam.
_____ Surface water impoundment for existing dam
_____ Removal of an existing dam.
_____ Renewal

SECTION A: Contact Information

Dam Owner/Land Owner:
Name: _______________________________ Phone No. ________________
Address: ____________________________________________________________
City: __________________ State: ______ Zip Code: ________________

Applicant (if different from land owner):
Name: _______________________________ Phone No. ________________
Address: ____________________________________________________________
City: __________________ State: ______ Zip Code: ________________

Contact Person (if different from dam owner/applicant):
Name: _______________________________ Phone No. ________________
Address: ____________________________________________________________
City: __________________ State: ______ Zip Code: ________________
SECTION B: Location and Surface Water Impoundment Data

Location of dam: (A photocopy of that portion of the appropriate USGS quadrangle map with the location of the dam marked on it must accompany this application.)
Name of the quadrangle map: ____________________________ County: ____________________________
Map Location: _____ ¼ of the ____ ¼ of Section ______, Township _______, Range _______.
Name of stream: ____________________________, which drains into ____________________________, which drains into ____________________________, which drains into ____________________________.
Is the dam located on federally owned property? ______ Yes ______ No

Water surface area:  

<table>
<thead>
<tr>
<th>Purpose of proposed impoundment</th>
<th>Storage capability:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recreation</td>
<td>Farm Pond</td>
</tr>
<tr>
<td>Water Supply</td>
<td>Subdivision</td>
</tr>
<tr>
<td>Tailings</td>
<td>Other (Write In Purpose)</td>
</tr>
</tbody>
</table>

Purpose of proposed impoundment: (Check one or more as applicable)

Proposed or existing name of impoundment: __________________________________________

Proposed construction schedule:

Begin construction (month/year): __________ Finish Construction (month/year): ____________

SECTION C: Design Information for Dam

NOTE --Dams classified as high hazard or significant hazard structures, in accordance with state dam safety statute and regulation, must be designed by a professional engineer registered to practice in the state. Dams located on continuously flowing streams must be designed to pass the minimum historic flow, as determined by MDEQ, at all times.

Engineer/design firm selected to design the dam:

Name of engineer: ____________________________ Reg. No. __________

Company Name: ____________________________________________________________

Address: __________________________________________________________________

City: ______________________________________ State: _____ Zip Code: ____________

Length of dam: ____________________________ feet  

Drainage Area: __________ sq. miles  

Structural Height: ________ feet. (Top of dam to bottom of excavation)  

Height of Dam: ________ feet. (Top of dam to original streambed)  

Hydraulic Height: ________ feet. (Maximum designed water level to the original streambed)
Description of core (type and quantity of material used): _____________________________
___________________________________________________________________________
Volume of Dam: ______________________________ cubic yards
Principal spillway description (dimensions and material): ____________________________
____________________________________________________________________________
Principal spillway design discharge: _______________________________ cfs
Emergency spillway description (dimensions and material): __________________________ 
____________________________________________________________________________
Emergency spillway design discharge: ______________________________ cfs
Describe any man-made features within 2 miles below the proposed dam site. (example: houses, businesses, roads, railroads, culverts, bridges, utility lines, pipelines, other dams, and etc.)
If none, indicate the land use (example: forest, cropland, pasture, and etc.) ________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
Addition information or data you wish to provide concerning this application or your proposed project: _______________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
The ACCOMPANYING MAP is hereby declared a part of this application.
The TEN DOLLAR ($10.00) permit fee is enclosed herewith.

Dam Owner’s Signature: ___________________________ Date: ___________________

STATE OF MISSISSIPPI
COUNTY OF ____________

Subscribed and sworn to before me this the_______ day of ________, _________.

My commission expires: _________________.  __________________________

NOTARY PUBLIC
For design engineers only:

All work products must be signed and sealed.

1. Did you or a member of your staff personally visit the project area to check for the presence of structures such as houses, businesses, roads, railroads, culverts, bridges, utility lines, pipelines, other dams, and etc. within two (2) miles downstream of the proposed dam site?

Circle appropriate response: Yes No

2. Describe the hydrologic and hydraulic parameters and any associated assumptions used in the design of this dam (storm frequency, etc.):
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________