



DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION

P.O. BOX 44487
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COASTAL USE PERMIT/CONSISTENCY DETERMINATION

Coastal Use Permit - General Permit 12 (CUP-GP-12)

Name and Address: Louisiana Department of Natural Resources
Coastal Management Division
P. O. Box 44487, Baton Rouge, LA 70804

LOCATION: In the Parishes of Assumption, Calcasieu, Cameron, Iberia, Jefferson, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, and Vermilion.

PROJECT DESCRIPTION:

This General Permit provides for a one-time mobilization for the maintenance of existing channels, canals, and slips that are used for access to oil, gas, and salt water disposal wells and production facilities within the Coastal Zone of Louisiana and that are located in fields in which the applicant has a valid Coastal Use Field-Wide Maintenance Dredging Strategy Permit.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out or perform the use in accordance with the plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. This Coastal Use Permit authorizes periodic maintenance, but such maintenance activities must be conducted pursuant to the specifications and conditions of this permit.
12. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

- A. The Secretary of the Department of Natural Resources has determined that full individual permit processing by the Coastal Management Division (CMD) is in the public interest in order to determine whether proposed activities qualify for authorization under this General Permit. This full individual permit processing will consist of review by the staff of CMD of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under this General Permit and, if appropriate, processing fees, and appropriate mitigation plan processing fees will also be assessed for activities approved under this General Permit.
- B. A standard Coastal Use Permit (CUP) Application Form (ENG FORM 4345) shall be completed and submitted to CMD along with drawings depicting the location and character of work proposed for approval under this General Permit and an Affidavit that all owners of the affected property have been notified of the application submittal. The applicant shall submit eight (8) application sets (forms and plats) to CMD. The application shall be accompanied by the \$100.00 application fee or the application fee in effect at the time of application submittal. This General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised by letter within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this General Permit.
- C. Individual written approvals from CMD must be obtained prior to the commencement of any individual activity proposed under this General Permit.
- D. Should CMD deem that they may have an interest in the project, prior to issuance of authorization for individual activities under this general permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: Louisiana Department of Wildlife and Fisheries, the approved Parish Local Program if applicable, Louisiana Department of Health and Hospitals, Louisiana Department of Environmental Quality, State Land Office, Louisiana Department of Natural Resources Coastal Restoration Division, Louisiana Department of Culture, Recreation, and Tourism, and Louisiana Department of Transportation and Development. CMD may issue authorization for the activity after the five day review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under this General Permit to issue authorization under the authority of this General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of the Department of Natural Resources.

- E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under this General Permit and require the applicant to obtain an individual CUP for the proposed activity.
- F. Authorization for work under the authority of this General Permit shall expire if the work is not initiated within two (2) years from the date of issuance of the written approval. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work unless a different time schedule is specifically approved by the Coastal Management Division.
- G. The Term of this General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.
- H. The permittee shall notify CMD of commencement of work which is authorized under this General Permit. The Permittee shall notify CMD by mailing the green initiation card, provided with the written approval, within three (3) days of the date of initiation of the authorized work.
- I. Issuance of approval under the authorization of this Coastal Use General Permit does not relieve the Permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.
- J. The permittee shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.
- K. Work carried out under this General Permit shall conform to all appropriate state and federal safety regulations.
- L. An authorization issued under this General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the Coastal Management Division Administrator. A transfer form is included with each authorization.
- M. Work carried out under this General Permit shall be performed in full compliance with the rules and regulations of the Department of Natural Resources which exist at the time of approval for that work.

II. Operating Conditions

- A. All logs and stumps unearthed during dredging shall be buried beneath the bottom of the waterway or removed to a disposal site on land.
- B. Spoil shall not be placed in and shall not block any tidal sloughs.
- C. The permittee shall provide notification of the proposed activity to any oyster lease holder who may be affected by it prior to commencement of the activity. The applicant shall provide the Coastal Management Division with copies of the notification letters prior to the issuance of authorization under this General Permit.
- D. The activities covered by this permit shall not adversely affect any threatened or endangered species. Adverse impacts on fish, wildlife and the environment shall be minimized.
- E. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.
- F. If archaeological, historical, or other cultural resources are encountered during activities authorized under this General Permit, work shall cease and the Permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (P. O. Box 44247, Baton Rouge, LA 70804) and CMD (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591. Work may not resume until written approval is obtained from the CMD.
- G. The Permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD₅; 30 mg/l TSS) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.
- H. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System ([800] 272-3020) to locate any buried cables and pipelines.
- I. All activities, involving any discharge of pollutants, must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

- J. Dredging activities authorized under this General Permit shall not exceed the volume specified in the work statement of the individual authorization.
- K. The Permittee and CMD shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by CMD, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. The compensatory mitigation plan shall be developed prior to the issuance of approval under this General Permit. The expiration of the term of this General Permit, or the revocation or expiration of approval to perform work under the authority of this General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

III. This General Permit does not apply in the following locations without prior written authorization from the appropriate agencies.

- A. Work under the authority of this General Permit shall not be approved in the following areas, without prior written approval of the Louisiana Department of Wildlife and Fisheries.
- 1.) Within one-quarter of a mile or within the boundaries of an oyster lease, oyster seed ground, oyster seed reservation or public oyster harvesting area; or
 - 2.) Within the boundaries of a LDWF owned or managed wildlife refuge or wildlife management area; or
 - 3.) Within an area designated as a natural and scenic river in accordance with the provisions of R. S. 56:1840.
- B. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism.
- 1.) within a State Park, State Recreation Area or State Commemorative Area; or
 - 2.) within any known historic or archaeological site or within the boundaries of a historical district.
- C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.
- D. Within 1,000 feet of a levee or other flood control facility constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local

government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP.

- E. Work under the authority of this General Permit shall not be approved on or within 1,500' of a barrier island, barrier island features, cheniers, or other coastal feature without the approval of the appropriate resource agencies, as determined by CMD, that have programmatic interests.

IV. This General Permit does NOT apply in the Following Situations:

- A. Within 1,500', or other distance deemed appropriate by the Louisiana Department of Wildlife and Fisheries, of a known bald eagle site.
- B. Within 1,500', or other distance deemed appropriate by the Louisiana Department of Wildlife and Fisheries, of a known bird rookery area.
- C. Within the critical habitat, as deemed appropriate by the Louisiana Department of Wildlife and Fisheries, of any endangered species.
- D. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of the Department of Natural Resources.
- E. Within Special Significance Areas designated pursuant to R. S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.
- F. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone at a national site.

V. Special Conditions

- A. This General Permit authorizes maintenance dredging activities to deepen an existing oil and gas canal, channel, or slip to provide access for water-borne equipment used for the exploration or production of petroleum reserves.
- B. This General Permit authorizes maintenance dredging, in existing canals and open water channels, of a navigation passage with a maximum allowable bottom width of 70 feet and a maximum allowable depth of -8 feet mean water level. The maximum dimensions of maintenance dredging activities proposed to occur in existing slips which will be authorized under this General Permit shall be 160 feet bottom width by 375 feet bottom length by -8 feet depth below the mean water level.
- C. The permittee shall provide CMD with the following information for each individual maintenance operation proposed for authorization under this General Permit:

- 1.) specific dredging locations, including canal, channel and slip dimensions and anticipated date of proposed maintenance:
 - 2.) proposed dredging method;
 - 3.) anticipated volume of dredged material;
 - 4.) specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas; and
 - 5.) reason(s) for requested access (i. e., new well, plug and abandon, re-entry/workover, etc.).
- D. Spoil may be disposed of by one, or a combination of, the following methods:
- 1.) placed upon existing subaerial spoil banks; or
 - 2.) placed upon areas previously impacted by the authorized dredging or maintenance dredging of the slips, channels, or canals currently being proposed for maintenance dredging; or
 - 3.) used to repair existing spoil banks; or
 - 4.) placed in enclosed marsh ponds to a height suitable for the establishment of marsh vegetation, using a bucket or hydraulic dredge; or
 - 5.) sprayed in a shallow layer over the marsh; or
 - 6.) propwashed; or
 - 7.) spread in open water to a depth of no more than 0.5'; or
 - 8.) placed in abandoned oil field canals; or
 - 9.) subject to the approval of, or at the direction of, the interagency review team, other techniques may be used to create or otherwise benefit wetlands.
- E. Review procedures, for the authorization of specific maintenance dredging activities under this General Permit , will include a review of the applicant's CMD issued Field-Wide Maintenance Dredging Strategy Permit that includes the canals, channels, and/or slips for which maintenance dredging authorization is being proposed. The activities that are proposed for authorization under this General Permit must be in accordance with the Field-Wide Maintenance Dredging Strategy Permit, which has already been found to be consistent with the Louisiana Coastal Resources Program, Act 361 of the Regular Session of the 1978 Louisiana Legislature.
- F. The applicant must request that the proposed activity be authorized under this General Permit and must include reference to the CMD issued Field-Wide Maintenance Dredging Strategy Permit that includes the canals, channels, and/or slips for which maintenance dredging authorization is being proposed.
- G. Commenting agencies may specifically waive their commenting authority for all or part of the general permits issued under any individual Field-Wide Maintenance Dredging Strategy Permit.
- H. Any canal plug removed in the performance of the work authorized under this General Permit shall be restored to its pre-removal condition within one hundred and twenty (120) days of abandonment of the wellsite. Any canal plug removed in the performance of work under this General Permit shall be restored to have, after settling and subsidence, a minimum elevation of not less than thirty (30) feet at mean water level, and side slopes of

not less than three (3) to one (1). The plug may be inspected by CMD to determine if it is operating to prevent water movement within two (2) years of plug construction, or within five (5) years of the date of the issuance of written approval, whichever is longer. Should the plug not be operating in a satisfactory manner at the time of inspection, the permittee shall be required to restore the plug to proper functioning and the above minimum dimensions.

- I. Maintenance dredging activities can be authorized under this General Permit only if the proposed work is included in a valid CMD issued Field-Wide Maintenance Dredging Strategy Permit. Requirements for a Field-Wide Maintenance Dredging Strategy Permit are included within this General Permit.
- J. Locations may be accessed by pulling in a barge to displace accumulated sediment in existing canals or channels. In channels in open water, this method must not result in the creation of spoil ridges higher than six (6) inches.
- K. Representative drawings showing the canals/channels dredged and the placement of spoil shall be submitted within thirty (30) days of completion of individual maintenance activities authorized by this permit to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 70804-4487.
- L. The applicant may obtain advance conditional written authorization, as part of the Field-Wide Maintenance Dredging Strategy Permit, from any agency or agencies that may be required under Part III of this General Permit. This advance conditional written authorization would not affect the 5 day agency review period but it could allow expeditious processing of requests for individual authorizations while insuring that special features are adequately protected.

VI. **Field-Wide Maintenance Dredging Strategy**

Prior to authorization of any maintenance dredging activities under this General Permit, the applicant must have a Field-Wide Maintenance Dredging Strategy Permit, issued by CMD. The Field-Wide Maintenance Dredging Strategy Permit must, in general, identify any special features that may exist, contingency plans and special procedures for managing the field.

Processing Strategy

- 1. The applicant identifies a field that will require maintenance dredging. The applicant may at this point chose one of the following two options:
 - a. Submit a completed Coastal Use Permit Application for a CMD issued Field-Wide Maintenance Dredging Strategy Permit. This may be the option of choice for well established fields that the applicant has operated for a number of years.
 - b. Submit preliminary plans to CMD for distribution to the Corps, DEQ, and the agencies that may comment on the proposal in order to facilitate completion of the

permit application.

2. Upon receipt of a vicinity map and a request for comments for a possible Coastal Use Permit Application for a Field-Wide Maintenance Dredging Strategy, if option 1.b is utilized, the Coastal Management Division will:

- a. Assign the preapplication to a permit processor who will, except in unusual circumstances, process the application and all future requests for individual authorizations, via the General Permit, under the Coastal Use Permit for Field-Wide Maintenance Dredging Strategy, when issued.
- b. Forward copies to the following agencies for review and comments.
 1. The U. S. Army Corps of Engineers
 2. The U. S. Fish and Wildlife Service
 3. The U. S. National Marine Fisheries Service
 4. The U. S. Environmental Protection Agency
 5. The Louisiana Department of Environmental Quality
 6. The Louisiana Department of Wildlife and Fisheries
 7. The Louisiana Department of Health and Hospitals
 8. The Louisiana Department of Culture, Recreation, and Tourism.
 9. The Office of State Lands
 10. The Louisiana Department of Transportation and Development
 11. The Louisiana Department of Natural Resources, Coastal Restoration Division.
 12. The Parish's Local Coastal Management Program, if appropriate.

It should be noted that although an agency may not have comments or objections to a proposal at the preapplication stage, during formal processing of the application, an agency or agencies may formulate more specific comments or objections. The preapplication option should be viewed as an information gathering step rather than a final determination of no objection.

- c. Review existing information to determine if there are any special environmental or administratively sensitive features within or adjacent to the proposed field.
 - d. Compile comments made by the various agencies and information obtained in-house and convey that information in writing to the applicant.
 - e. The applicant will prepare the Coastal Use Permit Application for a Field Wide Maintenance Dredging Strategy utilizing information obtained through the interagency review process. The Coastal Use Permit Application will be submitted to the Coastal Management Division for processing.
3. On receipt of the Coastal Use Permit Application for a Field Wide Maintenance Dredging Strategy Permit, the Coastal Management Division will initiate routine processing of the

strategy with two exceptions:

- a. The application will be assigned to a permit processor who will, except in unusual circumstances, process all future requests for individual authorizations, via the General Permit, under the Coastal Use Permit for Field Wide Maintenance Dredging Strategy, when issued.
 - b. The appropriate commenting agencies will be reminded that the proposal was reviewed prior to the submission of a formal application. This may reduce the time required for their final review of the proposal.
4. The application will be put on Public Notice within 10 days of receipt of a complete application.
 5. The final Coastal Use Permit for the Field Wide Maintenance Dredging Strategy may be issued after consideration of public comments, a technical review, and a Determination by the Secretary of the Department of Natural Resources that the proposal is consistent with the Coastal Use Guidelines. The field will then be eligible for maintenance dredging under the terms of General Permit 12 and the Coastal Use Permit for Field Wide Maintenance Dredging Strategy.
 6. Amendments to a Coastal Use Permit for a Field-Wide Maintenance Dredging Strategy will be processed routinely.

Required Components of the Application

- A. Completed Coastal Use Permit Application Form (ENG FORM 4345).
- B. Landowner Notification Affidavit
- C. Plats
 1. Maps of the Proposed Area
 - a. Vicinity Map
 - i. Boundaries of the field to be Maintenance dredged.
 - ii. Location of Important Offshore Habitats
 - iii. Location of Sensitive Underwater Features
 - iv. Location of Endangered or Threatened Species and their Habitats
 - v. Location of Breeding Habitats and Migratory Routes
 - vi. Location of Protected Areas of Biological Concern
 - vii. Location of Military Warning/Use Areas
 - viii. Location of Important Commercial Fishing Areas
 - ix. Location of Known Cultural Resources
 - x. Location of Other Mineral Use Activities

xi. Location of Existing Pipelines and Cables

b. Plan View

i. Lease Number, Location, and Lease Lines

ii. Location of existing wells

iv. Location of Canals, Slips, and Channels to be maintenance dredged

vi. Latitude and Longitude Coordinates that define the limits of the Field.

D. Environmental Report

1. **Title Page**

a. **Project Name**

It is not necessary to create a Project Name if one is not currently being used.

b. **Field Name**

It is not necessary to list a Field Name if one is not being used.

c. **Parish or Parishes**

The list of Parishes should include any Parish in which maintenance dredging or spoil deposition is to occur and where the wells are located.

d. **Lessee and/or Operator**

If the operator is not the lessee, the name, address, and phone number of the lessee should be included. This information must include a contact person.

e. **Lease Numbers or Description and Location.**

If multiple leases are involved, a list of the leases and well names and numbers will be adequate.

f. **Date of Preparation of Environmental Report**

g. **Name, Address, and Telephone Number** of a contact person for the Environmental Report.

2. **Description of the Proposed Action**

a. **Objectives of the Proposed Action**

A brief introductory statement indicating the purpose of the proposed activity (explore for oil and/or gas, to workover existing wells, or etc.)

b. **Description and Location of Existing:** wells, structures, slips, channels, and canals that are located within the geographical limits of the field and which of those are to be maintained.

c. **Brief History of the Field**

This information should consist of the early development of the field and the applicant's operating history in the field. Historical maintenance dredging requirements should be included if the information is available.

d. **Contingency Plans** for releases of hydrocarbons or hazardous materials. Written confirmation that an acceptable oil spill plan is on file with the Governor's Oil Spill

Office, would satisfy this requirement.

3. Description of the Affected Environment and Potential Adverse Impacts

- a. **Physical Environment**
- b. **Biological Environment**
 - i. Endangered or Threatened Species
 - ii. Breeding Habitats and Migratory Routes
- c. **Cultural Resources**

4. Programmatic Compliance

The proposed strategy must demonstrate compliance with all appropriate programmatic elements of the Louisiana Coastal Resources Program, including the Coastal Use Guidelines and the following specific provisions:

- a. **Alternatives analysis.** Avoidance and minimization of adverse impacts to the Maximum Extent Practicable. As defined by LAC Title 43 Subpart 701.G & H.
- b. **Mitigation requirements** in accordance with Louisiana Revised Statute 49:214.41.
- c. **Long-term Management and Beneficial Use of Spoil Deposition.** Louisiana revised Statute 49:214.30(H) requires a strategic plan for the beneficial use of dredged material from maintenance dredging of a canal or channel more than one mile in length or more than 25,000 cubic yards of dredging.

By accepting this permit the applicant agrees to its terms and conditions.

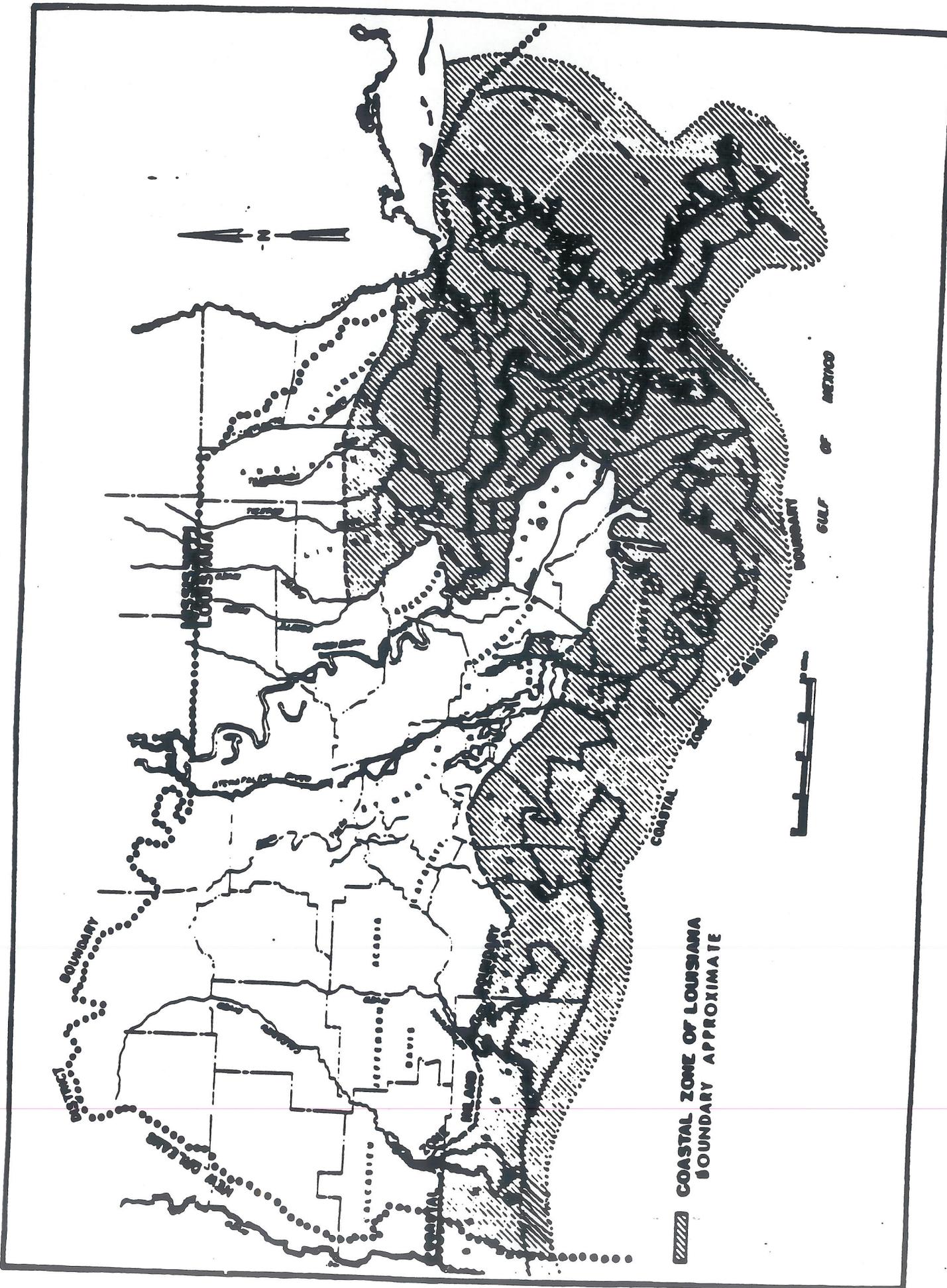
I affix my signature and issue this permit this 18th day of July, 2002.

DEPARTMENT OF NATURAL RESOURCES

Terry W. Howey
TERRY W. HOWEY, ADMINISTRATOR
Coastal Management Division

This agreement becomes binding when signed by the Administrator of the Coastal Management Division, Department of Natural Resources.





COASTAL ZONE OF LOUISIANA
BOUNDARY APPROXIMATE

GULF OF MEXICO

