

APPLICATION FOR A COASTAL ZONE PERMIT

Amended January 1999

State of Delaware  
Department of Natural Resources & Environmental Control  
Office of the Secretary

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## Permit Application Instructions

1. Complete all parts of the application. For sections which are not applicable to your project, do not leave blank; present a statement to that effect and clearly state why the section is not applicable to your project.
2. Where sufficient space is not provided on the application form for requested information, attach extra pages referencing each answer by the appropriate part and question number.
3. Submit three complete copies of the permit application to:

Department of Natural Resources & Environmental Control  
89 Kings Highway  
Dover, DE 19901
4. Comply if required, or as requested by the DNREC Secretary, with 7 Delaware Code, Chapter 79, Section 7902. If requested, but not made part of your application it will not be considered administratively complete until this form is reviewed.
5. Be sure to include your permit application fee of \$3,000; otherwise the application will not be considered administratively complete. Make checks payable to "State of Delaware."
6. This application for a Coastal Zone Act Permit is a public document. Do not include information that you do not wish the public to review. If this application requires you to place confidential information data in the application to make it administratively complete, note the Delaware Freed of Information Act, Section \_\_\_\_\_, for the proper procedure in requesting confidentiality from the public.

PART 1

APPLICANT AND SITE IDENTIFICATION

1.1 Identification of the permit applicant:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone No.: \_\_\_\_\_

Fax No. (if any): \_\_\_\_\_

1.2 Authorized agent (if any):

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone No.: \_\_\_\_\_

Fax No. (if any): \_\_\_\_\_

Include written authorization from client for being authorized agent for this application.

1.3 Project property location (street address):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1.4 Provide a general map of appropriate scale to clearly show project site:

PART 2

EVIDENCE OF LOCAL ZONING AND PLANNING APPROVAL

I, \_\_\_\_\_, for \_\_\_\_\_  
(Name of County, City of Town)

do hereby affirm that the project proposed by \_\_\_\_\_  
(Name of Applicant)

located at \_\_\_\_\_, in  
(Address)

the \_\_\_\_\_ zoning district is in  
full compliance with the zoning code as it applies to this project.

The above named applicant's project is in compliance with the adopted comprehensive development plan for the geographic area within which the project will be located.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Date)

\_\_\_\_\_

This part is essential for a complete Permit Application. No application will be considered administratively complete without it. While the applicant is strongly advised to use this form, the local zoning jurisdiction may utilize another form or document than this one to demonstrate "evidence of local zoning approval," but such documents must be signed and dated by the proper official.

PART 3

PROJECT PROPERTY RECORD

3.1 Name and address of project premises owner(s) of record:

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3.2 Name and address of project premises equitable owner(s):

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3.3 Name and address of lessee(s):

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3.4 Is the project premises under option by permit applicant?

3.5 What is the present zoning of the land for all of this project site?

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## PART 4

### PROJECT OPERATIONS

- 4.1 Describe the characteristics of the manufactured product and all the process and/or assembly operations utilized by the proposed project. Include in the description:
- a. the raw materials, intermediate products, by-products and final products and characteristics of each. Review any materials' risk of carcinogenicity, toxicity, mutagenicity and/or the potential to contribute to the formation of smog. Provide material safety data sheets (MSDS) if available;
  - b. the step-by-step procedures or processes for manufacturing and/or assembling the product(s). Provide a flow diagram to illustrate procedures;
  - c. the nature of the materials mentioned above in 4.1 (a) as to whether or not the materials require special means of storage or handling;
  - d. list the machinery (new and/or existing) to be utilized by this project;
  - e. list any new buildings or other facilities;
  - f. if this project represents a totally new facility at a new or existing facility, what will be the new rate of maximum production, and;
  - g. if this project represents a totally new facility at a new or existing facility, what will be the maximum production rate?
- 4.2 Describe daily hours of plant operations and the number of operating shifts.
- 4.3 Provide a site plan of this project with:
- a. a north arrow;
  - b. a scale of not less than one inch to 200 feet;
  - c. identity of the person responsible for the plan, including any licenses and their numbers;
  - d. the acreage of the applicant's entire property and acreage of the proposed project;
  - e. property lines of entire property;
  - f. lines designating the proposed project area for which application is being made clearly distinguished from present facilities and operating areas (if any);

- g. existing and proposed roads, railroads, parking and loading areas, piers, wharfs, and other transportation facilities;
- h. existing water bodies and wetlands and proposed dredge and fill areas, and;
- i. existing and proposed drainage ways, gas, electric, sewer, water, roads, and other rights-of-way.

4.4 How many acres of land in total are required for this proposed project, both existing, utilized, developed land (if any), and new, developed land?

Existing land: \_\_\_\_\_ acres.

New land: \_\_\_\_\_ acres.

PART 5A

ENVIRONMENTAL IMPACTS

Air Quality

- 5.2.1 Describe project emissions (new and/or increased over current) by type and amount under maximum operating conditions:

<u>Pollutant</u>	<u>Amount (1 lbs/day)</u>
a.	
b.	
c.	
d.	
e.	

- 5.2 Describe how the above emissions change in the event of a mechanical malfunction or human error.
- 5.3 Describe any pollution control measures to be utilized to control emissions to the levels cited above in 5.1.
- 5.4 Show evidence that applicant has, or will have, the ability to maintain and utilize this equipment listed in 5.3 in a consistently proper and efficient manner. (For example, provide college transcripts and/or records of training courses and summary of experience with this pollution control equipment of person(s) responsible for pollution control equipment, and/or provide copies of contracts with pollution control firms to be responsible for maintaining and utilizing this equipment.)

Water Quality

- 5.5 Describe any new wastewater discharge or increase over current discharge levels due to this proposed project:

<u>Pollutant</u>	<u>Amount (ppm)</u>
a.	
b.	
c.	
d.	
e.	

- 5.6 Describe the current method of employee sanitary wastewater disposal and any proposed changes to that system due to this proposed project.

- 5.7 Identify the number, location, and name of receiving water outfall(s) of any and all process wastewater discharge (new or current) effected by this proposed project.
- 5.8 If any effluent is discharged into a public sewer system, is there any pretreatment program? If so, describe the program.
- 5.9 Identify the number, location, and name of receiving waters of stormwater discharges:
- a. describe the source of stormwater run-off (roofs, storage piles, parking lots, etc.;
  - b. describe the pollutants likely to be in the stormwater;
  - c. describe any pollution control device(s) or management technique(s) to be used to reduce the amount of stormwater generated and devices to improve the quality of the stormwater run-off prior to discharge;
  - d. what amount of stormwater run-off increase over current levels will result from this proposed project;
  - e. describe any new or improved stormwater drainage system required to safely carry off stormwater without flooding project site or neighboring areas down gradient.
- 5.10 Will this project use a new water intake device, or increase the use (flow) from an existing intake device? If, yes, please state:
- a. the volume of water to withdrawn, and;
  - b. describe what will be done to prevent entertainment and/or entrapment of aquatic life by the intake device.
- 5.11 Will this proposed project result in a thermal discharge of water, or an increase in the flow or temperature of a current thermal discharge? If yes, state:
- a. the volume of the new flow or increase from the existing thermal discharge both in flow and amount of heat;
  - b. after all cooling water mechanisms have been applied to the hot water, how warm will the water be when it is discharged into a receiving waterway, discharge canal, or ditch and what will be the difference in discharge temperature and ambient temperature ( $\Delta T$ ) at various seasons of the year?
  - c. what equipment and/or management techniques will be used to reduce the thermal load of the discharge water?

- 5.12 Will any proposed (new) discharge or change in existing discharge cause, or have potential to cause, or contribute to the exceedence of applicable criteria appearing in the State of Delaware Surface Water Quality Standards?
- 5.13 Describe any oils discharged to surface waters due to this proposed project.
- 5.14 Describe any settleable or floating solid wastes discharged to surface waters due to this project.
- 5.15 Show evidence that the applicant has, or will have, the ability to maintain and utilize any water pollution control equipment listed in questions 5.5 through 5.14 in a consistently proper and efficient manner. (For example, provide college transcripts and/or training courses and summary of prior experience with this pollution control equipment of person(s) responsible for pollution control equipment, and/or provide copies of contracts with pollution control firms.)

#### Water Quantity

- 5.16 Identify the source of water needed for the proposed project, including potable water supplies.
- 5.17 If wells are to be used, identify the aquifer to be pumped and the depth, size and pumping capacity of the wells and state whether or not a permit has been applied for.
- 5.18 Estimate the amount of water to be used for every purpose, including cooling water. State daily and maximum water use in the unit of gallons per day. State if water use will vary with the seasons, time of day or other factors.
- 5.19 How close is the proposed well(s) to any well on adjacent lands?

#### Solid Waste

- 5.20 Describe each type and volume of any solid waste (inc. biowastes) generated by this project and the means used to transport, store, and dispose of the waste(s).
- 5.21 Will there be any on-site recycling, re-use, or reclamation of solid wastes generated by this project?
- 5.22 Will any waste material generated by this project be destroyed on-site? If so, how would that be done?

## Hazardous Waste

- 5.23 Will this proposed project result in the generation of any hazardous waste as defined by the “Delaware Regulations Governing Hazardous Waste?”
- 5.24 If so, identify which hazardous waste, the amount of each, and how it is generated.
- 5.25 Describe the transport of any hazardous waste and list the permitted hazardous waste haulers to be utilized.
- 5.26 Will the proposed project cause the applicant to store, treat, and/or dispose of hazardous waste?
- 5.27 Does the applicant currently generate any hazardous waste at this site?

## Habitat Protection

- 5.28 What is the current use of the land that is to be used for the proposed project?
- 5.29 Will the proposed project result in the loss of any wetland habitat? If so, answer the following:
  - a. will any wastewater and/or stormwater be discharged into a wetland, and;
  - b. if so, will the discharge water be of the same salinity as the receiving wetlands?
- 5.30 Will the proposed project result in the loss of any undisturbed natural habitat or public use of tidal waters? If so, how many acres?
- 5.31 Do threatened or endangered species (as defined by the DNREC and/or the Federal Endangered Species Act) exist at the site of the proposed project, or immediately adjacent to it? If so, list them.
- 5.32 Will this proposed project have any effect on these threatened or endangered species (as defined by the DNREC and/or the Federal Endangered Species Act).
- 5.33 What assurances can be made that no threatened or endangered species exist on the site of the proposed project site?
- 5.34 Describe any filling, dredging, or draining that may affect nearby wetlands or waterways.
- 5.35 If dredging is proposed, how much will occur and where will the dredged materials go for disposal?

## Other Environmental Effects

- 5.36 Describe any effects noticeable of the proposed project site including: heat, glare, noise, vibration, radiation, electromagnetic interference, and odors.
- 5.37 Describe what will be done to minimize and monitor such effects.
- 5.38 Describe any effect this proposed project will have on public access to tidal waters.
- 5.39 Provide a thorough scenario of the proposed project's potential to pollute should a major equipment malfunction or human error occur, including a description of backup controls and safety provisions planned for this project to minimize any accidents.
- 5.40 Describe how the air, water, solid and hazardous waste streams, emissions, or discharge change in the event of a major mechanical malfunction or human error.

PART 5B

ENVIRONMENTAL OFFSET PROPOSAL REDUCTION CLAIM

Is applicant claiming the right to have a reduced offset proposal due to past voluntary improvements as defined in the Regulations Governing Delaware's Coastal Zone?

Circle on below

YES

NO

If yes, provide an attachment to the application presenting sufficient tangible documentation to support your claim.

## PART C

### ENVIRONMENTAL OFFSET PROPOSAL

If the applicant or the Department finds that an Environmental Offset Proposal is required, the proposed offset project shall include all the information needed to clearly establish:

- A. How the offset proposal will be carried out.
- B. What the likely environmental benefits will be and when they will be achieved (a schedule).
- C. What, if any, negative impacts will result, and when.
- D. What scientific evidence there is about the efficiency of this strategy in producing its intended results.
- E. How the projected results, both beneficial and negative, can be tracked in the future.

The offset proposals must more than offset any new pollution from the applicant's proposed project. The offset proposal's positive environmental impact must be more than 3:1 over the new negative environmental impact, unless the applicant can claim evidence of past voluntary environmental and/or investments (as defined in the Regulations) prior to the time of application. In such instances where the Department concurs with the applicant that such has occurred, the ratio of positive environmental improvement against the new negative impact is reduced to 1.5:1.

In both cases above, all offset proposals shall be available to the public.

PART 6

ECONOMIC EFFECTS

Construction

- 6.1 Estimate the total number of workers for project construction and the number to be hired in Delaware.
- 6.2 Estimate the weekly construction payroll.
- 6.3 Estimate the value of construction supplies and services to be purchased in Delaware.
- 6.4 State the expected dates of construction initiation and completion.
- 6.5 Estimate the economic impact from loss of natural habitat or any adverse economic effects degraded water or air quality will have on individuals indirectly or directly dependent on that habitat or air or water quality (e.g. commercial fishermen, waterfowl guides, trappers, fishing guides, and charter or head boat operators and bait and tackle dealers).

Operations

- 6.6 State the number of new employees to be hired as a direct result of this proposed project and how many of them will be existing Delaware residents and how many will be transferred in from other states.
- 6.7 If employment attributable to the proposed project will vary on a seasonal or periodic basis, explain the variation and estimate the number of employees involved.
- 6.8 Estimate the percent distribution of annual wages and salaries (based on regular working hours) for employees attributable to this project:

<u>Wage/salary</u>	<u>Percent of employees</u>
under \$10,000	
\$10,001-15,000	
\$15,001-25,000	
\$25,001 and over	

- 6.9 Estimate the annual taxes to be paid in Delaware attributable to this proposed project:

State personal income taxes: \_\_\_\_\_  
State corporate income taxes: \_\_\_\_\_  
County and School District taxes: \_\_\_\_\_  
Municipal taxes: \_\_\_\_\_

## PART 7

### SUPPORTING FACILITIES REQUIREMENTS

Describe the number and type of new supporting facilities and services that will be required as a result of the proposed project including, but not limited to:

Roads

Bridges

Piers and/or docks

Railroads

Microwave towers

Special fire protection services not now available

Traffic signals

Sewer expansion

Energy related facilities expansion

Pipelines

## PART 8

### AESTHETIC EFFECTS

- 8.1 Describe whether the proposed project will be located on a site readily visible from a public road, residential area, public park, or other public meeting place (such as schools or cultural centers).
- 8.2 Is the project site location within half a mile of a place of historic or scenic value?
- 8.3 Describe any planned attempt to make the proposed facility aesthetically compatible with its neighboring land uses. Include schematic plans and/or drawings of the proposed project after it is complete, including any landscaping and screening.

## PART 9

### EFFECTS ON NEIGHBORING LAND USES

- 9.1 How close is the nearest year-round residence to the site of this proposed project?
- 9.2 Will this proposed project interfere with the public's use of existing public or private recreational facilities or resources?
- 9.3 Will the proposed project utilize or interfere with agricultural areas?
- 9.4 Is there any possibility that the proposed project could interfere with a nearby existing business, commercial or manufacturing use?

If applicable, the applicant needs to comply with 7 Del. Code, Chapter 79, as part of this application.

CERTIFICATION BY APPLICANT

I hereby certify that all the information contained in this Permit Application and in any attachments is true and complete to the best of my belief.

I hereby acknowledge that any falsification or withholding of information will be grounds for denial of a Coastal Zone Permit.

I also hereby acknowledge that all information in this application will be public information subject to the Delaware Freedom of Information Act except for clearly identified proprietary information agreed to by the Secretary of the Department of Natural Resources & Environmental Control .

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Signature of Applicant

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Title

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Date