



## **APPLICATION FOR A COASTAL ZONE ACT PERMIT**

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

Date of submission

Project name

Applicant's name

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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 that clearly states why the section is not applicable to your project.
2. Because all applicants' projects are different, this word document template will provide you flexibility for needed space to answer the questions. Please insert additional lines for text where needed for your application. If appropriate, attach extra pages referencing each answer by the corresponding section and question number.
3. Submit eight complete hard copies of the permit application to:

Office of the Secretary  
Department of Natural Resources & Environmental Control  
State of Delaware  
89 Kings Highway  
Dover, DE 19901

- In addition to the eight hard copies, submit a complete electronic "pdf" copy of the permit application and a copy of the Offset Matrix in Microsoft Word format on CD-ROM.
4. Comply, if required, or as requested by the DNREC Secretary, with [7 Delaware Code, Chapter 79, Section 7902](#). If requested, but not completed, your application 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 the "State of Delaware."
  6. Be advised that the application for a Delaware Coastal Zone Act Permit is a public document, which may be displayed at DNREC offices, public libraries, and the web, among others. If this application requires you to place confidential information or data in the application to make it administratively complete, note the Delaware Freedom of Information Act ([29 Delaware Code, Chapter 100](#)) and [DNREC's Freedom of Information Act Regulation](#), Section 6 (Requests for Confidentiality), for the proper procedure in requesting confidentiality.

*Note: This application template was last revised by DNREC on January 30, 2008. Please discard any previous versions.*

**PART 1**

**CERTIFICATION BY APPLICANT**

Under the penalty of perjury pursuant to 11 Delaware Code §1221-1235, I hereby certify that all the information contained in this Delaware Coastal Zone Act 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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Print Name of Applicant

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Signature of Applicant

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Title

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Date

## PART 2

### APPLICANT INFORMATION AND SITE IDENTIFICATION

2.1 Identification of the applicant:

Company Name:

Address:

Telephone:

Fax:

2.2 Primary contact: Please list the name, phone number and email of a preferred contact within your company in case the DNREC needs to contact you regarding this permit application.

2.3 Authorized agent (if any):

Name:

Address:

Telephone:

Fax:

*If you have an authorized agent for this permit application process, provide written authorization from client for being the authorized agent.*

2.4 Project property location (street address):

2.5 In a separate attachment, provide a general map of appropriate scale to clearly show the project site.

2.6 Is the applicant claiming confidentiality in any section of their application?

YES

NO

If yes, see instructions on page 3.

### **PART 3**

#### **PROJECT SUMMARY**

*Provide a one-page summary describing the proposed project. Include a brief quantitative description of the anticipated environmental impacts, and how the Environmental Offset Proposal will “clearly and demonstrably” more than offset any negative impacts.*

**PART 4**

**PROJECT PROPERTY RECORD AND  
EVIDENCE OF LOCAL ZONING AND PLANNING APPROVAL**

**PROJECT PROPERTY RECORD**

- 4.1 Name and address of project premises owner(s) of record:
  
- 4.2 Name and address of project premises equitable owner(s):
  
- 4.3 Name and address of lessee(s):
  
- 4.4 Is the project premises under option by permit applicant?
  
- 4.5 What is the present zoning of the land for this entire project site?

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 Coastal Zone Act 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 a different form or document to demonstrate "evidence of local zoning approval," provided such documents are signed and dated by the proper official.*



## **PART 5**

### **PROJECT OPERATIONS**

- 5.1 Describe the characteristics of the manufactured product and all the process and/or assembly operations utilized by the proposed project. Include in the description (use attachments if necessary):
- 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 to be utilized;
  - f. list the size and contents of any anticipated aboveground or underground storage tank systems that may be constructed or utilized in support of facility operations;
  - g. if this project represents an increase or decrease in production at an already existing facility, what will be the new rate of maximum production?
  - h. if this project represents a totally new facility at a new or existing site, what will be the maximum production rate?
- 5.2 Describe daily hours of plant operations and the number of operating shifts.
- 5.3 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.

5.4 How many acres of land in total are required for this proposed project?

Existing/ currently utilized/ developed land: \_\_\_\_\_acres.

New land: \_\_\_\_\_acres.

5.5 Has the property been involved with a state or federal site cleanup program such as Superfund, Brownfields, HSCA Voluntary Cleanup Program, RCRA Corrective Action, Aboveground or Underground Storage Tank Cleanup Programs? If so please specify which program.

5.6 With regards to environmental cleanup actions, has a Uniform Environmental Covenant, Final Plan of Remedial Action, or no further action letter been issued by the Department? If so are the planned construction activities consistent with the requirements or conditions stated in these documents?

**PART 6A**

**ENVIRONMENTAL IMPACTS**

**Air Quality**

6.1 Describe project emissions (new, as well as any increase or decrease over current emissions) by type and amount under maximum operating conditions:

<b>Pollutant</b>	<b>Existing Emissions</b>		<b>Net Increase/Decrease</b>		<b>New Total Emissions</b>		<b>Percent Change (compare tons/year)</b>
	<i>Lbs/day</i>	<i>Tons/year</i>	<i>Lbs/day</i>	<i>Tons/year</i>	<i>Lbs/day</i>	<i>Tons/year</i>	

6.2 Describe how the above emissions change in the event of a mechanical malfunction or human error.

6.3 Describe any pollution control measures to be utilized to control emissions to the levels cited above in 5.1.

6.4 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

6.5 Describe wastewater discharge (new, as well as any increase or decrease over current discharge levels) due to project operations:

Pollutant	Current Discharge Concentration (ppm)	New or Changed Discharge Concentration (ppm)	Current Discharge		Net Increase/Decrease		New Total Emissions	
			<i>Lbs/day</i>	<i>Tons/year</i>	<i>Lbs/day</i>	<i>Tons/year</i>	<i>Lbs/day</i>	<i>Tons/year</i>

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

6.7 Identify the number, location, and name of receiving water outfall(s) of any and all process wastewater discharge (new or current) affected by this proposed project. Provide NPDES Permit Numbers for each discharge affected.

6.8 If any effluent is discharged into a public sewer system, is there any pretreatment program? If so, describe the program.

- 6.9 Stormwater:
- a. Identify the number, location, and name of receiving waters of stormwater discharges. Provide permit number for each discharge.
  - b. Describe the sources of stormwater run-off (roofs, storage piles, parking lots, etc).
  - c. Describe the amount of stormwater run-off increase over current levels that will result from the proposed project.
  - d. Describe any pollutants likely to be in the stormwater.

- e. 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.
- f. Describe any new or improved stormwater drainage system required to safely carry off stormwater without flooding project site or neighboring areas down gradient.

6.10 Will this project use a new water intake device, or increase the use (flow) from an existing intake device?

YES

NO

If yes, state:

- a. the volume of water to be withdrawn, and;
- b. describe what will be done to prevent entrainment and/or entrapment of aquatic life by the intake device.

6.11 Will this proposed project result in a thermal discharge of water, or an increase in the flow or temperature of a current thermal discharge?

YES

NO

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. 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 after all cooling water mechanisms have been applied to the hot water?
- c. the equipment and/or management techniques that will be used to reduce the thermal load of the discharge water.

6.12 Will any proposed new discharge or change in existing discharge cause, or have potential to cause, or contribute to, the exceedance of applicable criteria appearing in the [“State of Delaware Surface Water Quality Standards”](#)?

YES

NO

If yes, explain:

6.13 Describe any oils discharged to surface waters due to this proposed project.

6.14 Describe any settleable or floating solid wastes discharged to surface waters due to this project.

6.15 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 operator license numbers, 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.)

6.16 Estimate the amount of water to be used for each specified purpose including cooling water. State daily and maximum water use in the unit of gallons per day for each purpose and source of water. State if water use will vary with the seasons, time of day, or other factors.

6.17 Identify the source of water needed for the proposed project, including potable water supplies.

6.18 Are wells going to be used?  
YES  
NO

If yes:

- a. Identify the aquifer to be pumped and the depth, size and pumping capacity of the wells.
- b. Has a permit been applied for to do this?
- c. How close is the proposed well(s) to any well(s) on adjacent lands?

## **Solid Waste**

6.19 Will this project result in the generation of any solid waste?

YES

NO

If yes, describe each type and volume of any solid waste (including biowastes) generated by this project, and the means used to transport, store, and dispose of the waste(s).

6.20 Will there be any on-site recycling, re-use, or reclamation of solid wastes generated by this project?

YES

NO

If yes, describe:

6.21 Will any waste material generated by this project be destroyed on-site?

YES

NO

If yes, how will that be done?



## **Hazardous Waste**

6.22 Will this proposed project result in the generation of any hazardous waste as defined by the [“Delaware Regulations Governing Hazardous Waste”](#)?

YES

NO

If yes, identify each hazardous waste, its amount, and how it is generated:

6.23 Describe the transport of any hazardous waste and list the permitted hazardous waste haulers that will be utilized.

6.24 Will the proposed project cause the applicant to store, treat, and/or dispose of hazardous waste?

YES

NO

If yes, describe:

6.25 Does the applicant currently generate any hazardous waste at this site?

YES

NO

If yes, describe:

## Habitat Protection

6.26 What is the current use of the land that is to be used for the proposed project?

6.27 Will the proposed project result in the loss of any wetland habitat?

YES

NO

If yes, describe:

6.28 Will any wastewater and/or stormwater be discharged into a wetland?

YES

NO

If yes, will the discharge water be of the same salinity as the receiving wetlands?

6.29 Will the proposed project result in the loss of any undisturbed natural habitat or public use of tidal waters?

YES

NO

If yes, how many acres?

6.30 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?

YES

NO

If yes, list each species:

6.31 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).

YES

NO

If yes, explain:

- 6.32 What assurances can be made that no threatened or endangered species exist on the proposed project site?
- 6.33 Describe any filling, dredging, or draining that may affect nearby wetlands or waterways.
- 6.34 If dredging is proposed, how much will occur and where will the dredged materials go for disposal?

### **Other Environmental Effects**

- 6.35 Describe any noticeable effects of the proposed project site including: heat, glare, noise, vibration, radiation, electromagnetic interference, odors, and other effects.
  
- 6.36 Describe what will be done to minimize and monitor such effects.
  
- 6.37 Describe any effect this proposed project will have on public access to tidal waters.
  
- 6.38 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, backup power, and safety provisions planned for this project to minimize any such accidents.
  
- 6.39 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 6B**

**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”?

YES

NO

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

## PART 6C

### 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. A qualitative and quantitative description of how the offset project will “*clearly and demonstrably*” more than offset the negative impacts from the proposed project.
- B. How and in what period of time the offset project will be carried out.
- C. What the environmental benefits will be and when they will be achieved.
- D. What scientific evidence there is concerning the efficacy of the offset project in producing its intended results.
- E. How the success or failure of the offset project will be measured in both the short and long term.
- F. What, if any, negative impacts are associated with the offset project.
- G. How the offset will impact the attainment of the Department’s environmental goals for the Coastal Zone and the environmental indicators used to assess long-term environmental quality within the Coastal Zone.

## **Additional Offset Proposal Information for the Applicant**

1. The offset proposals must “*clearly and demonstrably*”<sup>1</sup> more than offset any new pollution from the applicant’s proposed project. The applicant can claim (with documentation) evidence of past voluntary environmental investments (as defined in the Regulations) implemented prior to the time of application. Where the Department concurs with the applicant that such has occurred, the positive environmental improvement of the offset proposal against the new negative impact can be somewhat reduced.
  
2. The applicant must complete the Coastal Zone Environmental Impact Offset Matrix. This matrix can be found on the CZA web page (<http://www.dnrec.delaware.gov/Admin/CZA/CZAHome.htm>), or by clicking on [this link](#). On page one, the applicant must list all environmental impacts in the column labeled “Describe Environmental Impacts.” In the column to the immediate right, the applicant should reference the page number of the application or attachment which documents each impact listed. In the “Describe Environmental Offset Proposal” column, applicant must state what action is offsetting the impact. The offset action shall be referenced by page number in the column to the right to show how the offset will work. The applicant shall not utilize the far right column. *Please ensure the matrix is complete, detailed, and as specific as possible, given the allotted space. Also, thoroughly proof-read to ensure there are no spelling or grammatical errors.* The applicant must submit a completed matrix both in hardcopy and electronic form.
  
3. Please note: the entire offset proposal, including the matrix, shall be available to the public, as well as the evidence of past voluntary environmental enhancements.

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<sup>1</sup> For purposes of this requirement, the DNREC will interpret the phrase “clearly and demonstrably” to mean an offset proposal that is obviously so beneficial without detailed technical argument or debate. The positive environmental benefits must be obviously more beneficial to the environment than the new pollution that minimal technical review is required by the Department and the public to confirm such. The total project must have a positive environmental impact. The burden of proof is on the applicant.

## **PART 7**

### **ECONOMIC EFFECTS**

#### **Construction**

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



## Operations

- 7.6 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.
- 7.7 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.
- 7.8 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>
<\$10,000	
\$10,000-14,999	
\$15,000-24,999	
\$25,000-34,999	
\$35,000-49,999	
\$50,000-64,999	
\$65,000-74,999	
\$75,000-99,999	
>\$100,000	

- 7.9 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 8**

### **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:

- a. Roads
- b. Bridges
- c. Piers and/or docks
- d. Railroads
- e. Microwave towers
- f. Special fire protection services not now available
- g. Traffic signals
- h. Sewer expansion
- i. Energy related facilities expansion
- j. Pipelines

## **PART 9**

### **AESTHETIC EFFECTS**

- 9.1 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).
  
- 9.2 Is the project site location within a half mile of a place of historic or scenic value?
  
- 9.3 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 10**

### **EFFECTS ON NEIGHBORING LAND USES**

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

**END OF APPLICATION**

**ATTACHMENTS TO FOLLOW**