

**DEPARTMENT OF THE ARMY
PROGRAMMATIC GENERAL PERMIT
STATE OF CONNECTICUT**

Notice to Applicants

In addition to the application materials required to be submitted to the Army Corps of Engineers as specified in the PGP (see page 5, CT DEP, IWRD Regulated Activities), the applicant shall also submit the following directly to:

Connecticut DEP
Central Permit Processing Unit
79 Elm Street
Hartford, Connecticut 06106-5127

- Three copies each of the Corps application form, 8.5" x 11" drawings, large scale drawings;
- Wetlands functions and values assessment, Federal wetlands delineation documentation (data sheets);
- CT DEP addendum and documentation of any proposed mitigation.
- Any application fee required by the State of Connecticut

If you choose, you may bring your application package directly to DEP. The Central Processing Unit is located on the first floor and is open for deliveries Monday through Friday from 8:30 AM to 4:00 PM.

Connecticut Department of Environmental Protection
Bureau of Water Protection and Land Reuse
Inland Water Resources Division

CONNECTICUT ADDENDUM
ARMY CORPS OF ENGINEERS
PROGRAMMATIC GENERAL PERMIT

AGENCY USE ONLY

NAE# _____ PGP screening date

DEP# _____

Determinations: Eligible Cat. 2 _____ Eligible Cat. 1 _____ Individual Permit

Section A- Applicant Information

(please print or type)

Applicant Name

Mailing Address

Work Phone

Fax/ Email

**IF an agent is working for the applicant during
the permit process, complete #2**

Authorized Agent

Mailing Address

Phone

Fax/ Email

Relationship of Applicant to Property: Owner Developer Option Holder

If the applicant is not the Property Owner, please provide the following information for the property owner:

Name

Address

Phone

Fax

Section B- Project Information

Location (street address, including city, or other information pertinent to identifying the geographical location where the proposed activity will occur)

Three copies of the application, CT addendum material, and full scale plans (1"= 40') have been submitted.

Yes _____

No _____

Total area within property boundaries Acres _____

Is there more than 1 phase to the project? Yes _____ No _____ If yes, How many phases

Project Category:

_____ Industrial Site Development _____ Individual Residential _____ Multiple Lot

Residential Development

_____ Commercial Site Development _____ Condo/Apartment Complex _____ Public Water Supply

_____ Pond/Lake Dredging _____ Stream Restoration/Enhancement _____ Mine/Quarry

_____ Fish/Wildlife Management (Government Agency)

_____ Golf Course Development

_____ Other (Describe:

_____)

Section C- Environmental Information

Wetland Impact

Direct Impact (Includes Temporary)

(sf) _____ acres

Secondary/Indirect Impact

(sf) _____ acres

TOTAL IMPACT

(sf) _____ acres

Waters/waterways/watercourses

Direct Impact (Includes Temporary)

(lf) _____
(sf) _____

Secondary/Indirect Impact

(lf) _____
(sf) _____

Total Impact

(lf) _____
(sf) _____

Do the following special wetland types occur on site?

Special Wetland

Total Area (sf) of Resource

Area (sf) of Resource Impacted

Vernal Pool

Yes _____

No _____

Fen

Yes _____

No _____

Bog

Yes _____

No _____

Cedar Swamp

Yes _____

No _____

Spruce Swamp

Yes _____

No _____

Calcareous Seepage Swamp

Yes _____

No _____

Channel Relocation/ Restoration/ Stabilization

Does the project include alterations to a perennial watercourse? Yes _____ No _____

IF so, indicate all design features included:

	YES	NO
Avoidance of barriers to fish movement		
Formation of pools and riffles		
Provisions for areas of sheltered flow (e.g. boulders, low check dams)		
Preservation of stream bank vegetation & establishment of new vegetation		
Use of clean natural bed materials of a suitable size		
	Flow	Frequency Recurrence (Year)
Design flow for bank-full flow	cfs	
Design velocity for bank-full flow	fps	

Floodplains

	YES	NO
Is there a FEMA mapped floodplain for floodway on the site?		
Are any excavation or permanent fill/ structures proposed within the floodplain?		
Are any excavation or permanent fill/ structures proposed within the floodway?		
Are any temporary stockpiles of fill or materials proposed within the floodplain		
Are any increases in the 100-year water surface elevation proposed? Maximum increase _____ feet.		
Are any flooding increases proposed that extend off of the subject property. Please explain (attach explanation)		
Include hydraulic calculations including tabulated summary of results that demonstrate no adverse impacts of any fill in a floodplain and which are in accordance with the guidance document entitled, "Hydraulic Analysis Guidance Document" found at www.dep.state.ct.us/pao/download/watrdwn/iwrdrhydraulicguidance.pdf		

Application Documentation should include as appropriate the following Information

Environmental Documentation	Report	Shown on Plans
	✓ If included	
Description (biological/ecological) of the wetland and/or waterway		
Description of the proposed activities and the purpose.		
Evaluation of the functions and values of all wetlands and waters on-site or affected off-site.		
Evaluation of direct and indirect (secondary) impacts to the functions and values of wetlands and waters affected.		
Evaluation of mitigation/restoration and or creation of wetlands to replace the functions and values of impacted wetlands/watercourses.		
Design details for reconstruction/modification of existing culvert(s)		
Design details for reconstruction/modification of existing culvert(s).		
Biological field survey of the project area to identify the presence of endangered, threatened, or special concern species.		
Culvert invert elevations for roadway crossings set at least 12 inches below the elevation of the natural stream bed for fish and aquatic passage?		
Federal wetland delineation of the site shown on plans.		
State wetland delineation of the site shown on plans.		
Construction of the development in accordance with the Best Development Practices Guidance document recommendations of Klemens and Calhoun. ¹ ¹ Best Development Practices, Conserving Pool-Breeding Amphibians in Residential and Commercial Developments in the Northeastern United States. MCA Technical Paper No.5 Metropolitan Conservation Alliance, Wildlife Conservation Society, Bronx, New York.		
Report documenting vegetation, soils, and hydrology of wetlands on site.		
Incorporation of a permanently protected buffer zone adjacent to wetlands and waters.		
Site plans drawn at a scale of 1":100' or larger showing the pre- and post-construction aerial extent of inundation of wetlands and waters for the 2-yr, 10-yr, 25-yr, 50-yr and 100-yr storm frequency events.		

Engineering Documentation All plans and calculations must be signed and sealed by a P.E. licensed in the state of CT.	Report	Shown on Plans
	✓	If included
Summary of all water handling proposed at the site, including plans and computations, as needed to show that temporary water handling will not cause erosion or flooding.		
Erosion and Sediment control measures designed in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, including calculations as required for engineered measures.		
Design details and calculations for each hydraulic and drainage structure demonstrating consistency with the standards contained within the Connecticut DOT Drainage Manual and 2004 Connecticut Storm water Quality Manual.		
FEMA floodway/floodplain boundaries within the project site plotted on the site plans and a copy of the FEMA map showing the site location.		
Hydrologic calculations including pre- and post- drainage area maps and a tabulated summary of results that demonstrate no adverse increase in runoff rates or velocities as a result of the proposed activity at appropriate downstream points.		

Identify the type of structure:

- Culvert Detention/Retention Basin Infiltration Basin/Structure Drainage Outfall Drainage Swale
- Other _____
- Dam Dike Weir Outlet Control Structure Pipe/Conduit/Aqueduct
- Bridge

How is the structure labeled on the site plans and in reports?

Where is the structure located on the site plans? _____ Sheet # _____

For bridge/culvert structures, what is the **openness ratio**? _____ (X-sectional area of structure opening/ length of the structure parallel to the stream, measured in meters)

What is the size of the contributing watershed to the structure? _____ Acres _____ Square Miles

Is the structure located within a **FEMA flood zone**? YES _____ NO _____ If YES, indicate the type of zone _____ Floodway _____ Flood Plain

Provide the following information as appropriate for the structure identified above.

<i>Water Surface Elevation (Immediately upstream of structure)</i>														
Storm Event Frequency														
2-yr			10-yr			25-yr			50-yr			100-yr		
Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)

<i>Aerial Extent of Inundation (Maximum)</i>														
Storm Event Frequency														
2-yr			10-yr			25-yr			50-yr			100-yr		
Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)	Existing	Proposed	Change (+/-)

Duration of Inundation (hours) Storm Event Frequency					Discharge Velocity (feet/second) Storm Event Frequency					Flow Volume (cubic feet/second) Storm Event Frequency				
2-yr	10-yr	25-yr	50-yr	100-yr	2-yr	10-yr	25-yr	50-yr	100-yr	2-yr	10-yr	25-yr	50-yr	100-yr

Certification

A signed certification is required from the applicant and all individuals who actually prepared the application and any part thereof. Such individuals include scientific and engineering consultants (biological, ecological, geological, and soils scientists; professional engineers and surveyors) responsible for the collection, compilation or review of data or documentation filed in support the application. By their signature, they certify that to the best of their knowledge and belief, the information contained in the application, including attachments, is true, accurate and complete.

The certification of the application package must be signed as follows:

1. For an individual(s) or sole proprietorship, by the individual(s) or proprietor, respectively;
2. For a corporation, by a principal executive officer of at least the level of vice president;
3. For a limited liability company (LLC), a manager, if management of the LLC is vested in a manager(s) in accordance with the company's "Articles of Organization", or a member of the LLC if no authority is vested in a manager(s);
4. For a partnership, by all general partners; and
5. For a municipal, state or federal agency or department, by either a principal executive officer or a ranking elected official or by other representatives of such applicant as authorized by law.

Use additional sheets as necessary to provide all required signatures.

"I have personally examined and am familiar with the information submitted in this application and documentation attached thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

Signature of Applicant

Date

Name of Applicant (*Printed or Typed*)

Date

Signature of Preparer

Date

Name of Preparer (*Printed or Typed*)

Date

Signature of Preparer

Date