



Permit Application for Programs Administered by the Inland Water Resources Division

Please complete this application form in accordance with the instructions (DEP-IWRD-INST-100) in order to ensure the proper handling of your application. Print or type unless otherwise noted. You must submit the *Permit Application Transmittal Form* (DEP-APP-001) and the initial fee along with this form.

DEP USE ONLY

Part I: Application Type

Check the appropriate box identifying the application type.

<p>This application is for (check one):</p> <p><input checked="" type="checkbox"/> A <i>new</i> application</p> <p><input type="checkbox"/> A <i>renewal</i> of an existing permit</p> <p><input type="checkbox"/> A <i>modification</i> of an existing permit</p>	<p>Please identify any previous or existing permit/authorization/registration number in the space provided.</p> <p>Existing permit/authorization/registration number:</p> <p>Expiration Date:</p>
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Part II: Permit Type and Fee Information

Please note: effective August 21, 2003, the application fees for the programs administered by the Inland Water Resources Division have increased as listed in the following table. The fee for municipalities is 50% of the listed rates.

Type of Permit (check <i>all</i> that apply):	Fee to submit with application:
<input type="checkbox"/> Inland Wetlands & Watercourses CGS Sec. 22a-36 et seq.	none
<input type="checkbox"/> Dam Construction CGS Sec. 22a-403	none
<input type="checkbox"/> 401 Water Quality Certificate 33 U.S.C. 1341	none
<input checked="" type="checkbox"/> Flood Management Certification CGS Sec. 25-68(b) - (h)	none
Stream Channel Encroachment CGS Sec. 22a-342	
<input type="checkbox"/> No change in grade and no construction of above-ground structures	\$470.00
<input type="checkbox"/> A change in grade and no construction of above-ground structures	\$940.00
<input type="checkbox"/> A change in grade and above-ground structures or buildings	\$4,000.00
Water Diversion: Consumptive Use CGS Sec. 22a-372(e)	
<input type="checkbox"/> Withdrawal > 0.05 and < 0.5 mgd	\$2,050.00
<input type="checkbox"/> Withdrawal ≥ 0.5 and < 2.0 mgd	\$4,000.00
<input type="checkbox"/> Withdrawal ≥ 2.0 mgd	\$6,250.00
Water Diversion: Nonconsumptive Use CGS Sec. 22a-372(e)	
<input type="checkbox"/> Watershed < 0.5 sq mi	\$2,050.00
<input type="checkbox"/> Watershed ≥ 0.5 sq mi and < 2.0 sq mi	\$4,000.00
<input type="checkbox"/> Watershed ≥ 2.0 sq mi	\$6,250.00

Part III: Applicant Information

1. Fill in the name of the applicant(s) as indicated on the *Permit Application Transmittal Form* (DEP-APP-001):

Applicant: **Connecticut Department of Housing**

Phone: **860-270-8012**

ext.

Fax: **860-706-5741**

- Check here if there are co-applicants. If so, label and attach additional sheet(s) with the required information to this sheet.

2. Applicant's interest in property at which the proposed activity is to be located:

site owner

option holder

lessee

easement holder

operator

other (specify): **Financial/Funding Agency**

3. List primary contact for departmental correspondence and inquiries, if different than the applicant.

Name: **Dimple Desai**

Mailing Address: **505 Hudson Street**

City/Town: **Hartford**

State: **CT**

Zip Code: **06106**

Business Phone: **860-270-8012**

ext.

Fax: **860-706-5741**

Contact Person: **Dimple Desai**

Title: **Community Development Director**

4. List attorney or other representative, if applicable:

Firm Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Fax:

Attorney:

5. Facility or Property Owner, if different than the applicant:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Fax:

Contact Person:

Title:

Home address of owner (for Inland Wetlands applications only):

Mailing Address:

City/Town:

State:

Zip Code:

Home Phone:

Part III: Applicant Information (continued)

6. List any engineer(s) or other consultant(s) employed or retained to assist in preparing the application or in designing or constructing the activity. Check here if additional sheets are necessary, and label and attach them to this sheet.

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Fax:

Contact Person:

Title:

Service Provided:

Part IV: Site Information

1. Site Location:

- a. Name of facility, if applicable: **Flood Management General Certification**

Street Address or Description of Location: **Statewide**

City/Town:

State:

Zip Code:

Project No., if applicable:

- b. Tax Assessor's Reference: Map

Block

Lot

(Assessor's reference is not required if requester is an agency of the State of Connecticut.)

- c. Latitude and Longitude of the approximate "center of the site" in *degrees, minutes, and seconds*:

Latitude:

Longitude:

Method of determination (check one):

GPS USGS Map Other (please specify):

If a USGS Map was used, provide the quadrangle name:

- d. Drainage Basin number(s) wherein the proposed activity will take place:

- e. Flood Insurance Rate Map Panel Number:

Date of the map referenced:

- f. If applying for a SCEL permit, identify the property wherein the proposed activity will take place by indicating the following:

SCEL Map number(s):

Property Identifier:

Date of the map referenced:

2. **COASTAL BOUNDARY:** Is the activity which is the subject of this application located within the coastal boundary as delineated on DEP approved coastal boundary maps? Yes No

If yes, and this application is for a new permit or for a modification of an existing permit, you must submit a *Coastal Consistency Review Form* (DEP-APP-004) with your application as Attachment P.

Information on the coastal boundary is available at the local town hall or on the "Coastal Boundary Map" available at DEP Maps and Publications (860-424-3555).

Part IV: Site Information (continued)

3. **ENDANGERED OR THREATENED SPECIES:** Is the project site located within an area identified as a habitat for endangered, threatened or special concern species as identified on the "State and Federal Listed Species and Natural Communities Map"? Yes No Date of Map: **See Part IV**

If yes, complete and submit a *Connecticut Natural Diversity Data Base (CT NDDB) Review Request Form* (DEP-APP-007) to the address specified on the form. **Please note NDDB review generally takes 4 to 6 weeks and may require additional documentation from the applicant. DEP strongly recommends that applicants complete this process before submitting the subject application.**

When submitting this application form, include copies of any correspondence to and from the NDDB, including copies of the completed *CT NDDB Review Request Form*, as Attachment K (Environmental Report) or in Attachment Q if no environmental report is required.

For more information visit the DEP website at www.ct.gov/dep/endorangeredspecies (Review/Data Requests) or call the NDDB at 860-424-3011.

4. **AQUIFER PROTECTION AREAS:** Is the site located within a town required to establish Aquifer Protection Areas, as defined in section 22a-354a through 354bb of the General Statutes (CGS)?

Yes No

If yes, is the site within an area identified on a Level A or Level B map? Yes No

To view the applicable list of towns and maps visit the DEP website at www.ct.gov/dep/aquiferprotection

To speak with someone about the Aquifer Protection Areas, call 860-424-3020.

5. **CONSERVATION OR PRESERVATION RESTRICTION:** Is the property subject to a conservation or preservation restriction? Yes No

If Yes, proof of written notice of this application to the holder of such restriction or a letter from the holder of such restriction verifying that this application is in compliance with the terms of the restriction, must be submitted as Attachment Q.

6. **Other Permits:** List any previous federal, state or local permits or certificates that have already been issued for the site or for the proposed activity:

<u>Type or Nature of Permit</u>	<u>Permit No.</u>	<u>Issuing Authority</u>	<u>Date Issued</u>	<u>Expiration Date</u>	<u>Permittee Name</u>
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Part V: Supporting Documents

Please check the attachments submitted as verification that *all* applicable attachments have been submitted with this application form. When submitting any supporting documents, please label the documents as indicated in this part (e.g., Attachment A, etc.) and be sure to include the applicant's name as indicated on the *Permit Application Transmittal Form*. The specific information required in each attachment is described in the *Instructions for Completing A Permit Application for Inland Water Resources Division Activities* (DEP-IWRD-INST-100).

- Attachment A: Executive Summary
- Attachment B: An 8 1/2" x 11" copy of a United States Geological Survey (USGS) Topographic Quadrangle Map (scale: 1:24,000) with the regulated activity or project site outlined or pinpointed, as appropriate.
- Attachment C: *Documentation Form for: Inland Wetlands and Watercourses Permit, Stream Channel Encroachment Line Permit, and 401 Water Quality Certification* (DEP-IWRD-APP-101)

Part IV: Site Information

#2 – Coastal Boundary

Some of the activities which will be carried out under this Flood Management General Certification may fall within those areas identified as within the coastal boundary or within the coastal area. The nature of the mitigation associated with the activities covered under this Flood Management General Certification is expected to be consistent with Coastal Area Management regulations. In addition, the programmatic requirements of the DOH Program will ensure the proposed activities are consistent with Coastal Area Management regulations. Please be aware that any activity located at or below the Coastal Jurisdiction Line (CJL) (see attached CJL Fact Sheet) or within tidal wetlands requires prior approval from DEEP OLISP. Reference the attached Link.

http://www.ct.gov/deep/cwp/view.asp?a=2705&pm=1&Q=511544&depNAV_GID=1622 and

http://www.ct.gov/deep/cwp/view.asp?a=2705&q=441852&deepNav_GID=1622

#3 – Endangered Species

Some of the activities which will be carried out under this Flood Management General Certification may fall within those areas identified as habitat for endangered, threatened, or special concern species as identified on the State and federal Listed Species and Natural Communities Map. The nature of the mitigation activities associated with the activities covered under this Flood Management General Certification is not expected to impact habitat for endangered, threatened, or special concern species as identified on the State and federal Listed Species and Natural Communities Map. In addition, the programmatic requirements of the DOH program will ensure the proposed activities are consistent with state and federal regulations regarding habitat for endangered, threatened, or special concern species. Reference the attached link.

http://www.ct.gov/deep/cwp/view.asp?a=2702&q=323466&deepNav_GID=1628

#4 – Aquifer Protection Area

Some of the activities which will be carried out under this Flood Management General Certification may fall within those areas identified as within an aquifer protection area as defined in Section 22a-354a through 354bb of the General Statutes. The DOH will review the aquifer protection area maps and files are researched and appropriate parties are notified regarding aquifer protection areas.

Part V: Supporting Documents (continued)

- Attachment D: *Documentation Form for Water Diversion Permit* (DEP-IWRD-APP-102)
- Attachment E: *Documentation Form for a Dam Construction Permit* (DEP-IWRD-APP-103)
- Attachment F: *Documentation Form for Flood Management Certification* (DEP-IWRD-APP-104) (State Agencies Only)
- Attachment G: Plan Sheets and Drawings
- Attachment H: Engineering Documentation
 - Part 1: *Engineering Report Checklist* (DEP-IWRD-APP-105A) and an Engineering Report
 - Part 2: *Hydrologic and Hydraulic Consistency Worksheet* (DEP-IWRD-APP-105B)
 - Section I: Floodplain Management
 - Section II: Stormwater Management
 - For state agencies only:*
 - Section III: State Grants and Loans
 - Section IV: Disposal of State Land
- Attachment I: Flood Contingency Plan
- Attachment J: Soil Scientist Report (not required for Flood Management Certification)
- Attachment K: Environmental Report (not required for Flood Management Certification)
- Attachment L: Mitigation Report - wetlands and watercourses, fish and wildlife (not required for Flood Management Certification)
- Attachment M: Alternatives Assessment (not required for Flood Management Certification)
- Attachment N: *Applicant Compliance Information Form* (DEP-APP-002) (not required for Flood Management Certification or 401 Water Quality Certification Approvals)
- Attachment O: *Applicant Background Information Form* (DEP-APP-008) (not required for Flood Management Certification)
- Attachment P: *Coastal Consistency Review Form* (DEP-APP-004) (if applicable)
- Attachment Q: Other Information: any other information the applicant deems relevant or is required by DEP.

Number of Copies of Application:

Submit one original of all application forms, certifications, reports and supporting documents and the number of photocopies of all such materials as noted on the *Permit Application Transmittal Form*. When applying for more than one permit, you should submit the original and no more than six copies.

Department of Housing (DOH)

Attachment A: Executive Summary

Flood Management General Certification for DOH Program Activities

The DOH is seeking an approval of the general certification for various minor construction activities within regulated floodplain areas across the state. The proposed activities are described in detail below:

1. Streetscape Projects:

Projects that include minor grading and minor safety improvements including but not limited to sidewalks, crosswalks, landscaping, signs, traffic signals, and light poles. Obstructions such as poles, sign and plantings will be placed in the floodplain, but not in the floodway. Only minor grade changes that can be demonstrated to cause no hydraulic impacts will be allowed.

2. Housing Rehab Projects (minor activities):

Housing rehabilitation projects provided that all work is consistent with the requirements of the Flood Management Act and National Flood Insurance Program (NFIP). All work will be limited to above grade activities confined to the existing building or the footprint of previous buildings. This activity will be limited to the existing structure and the square footage of the building will not be increased. "Minor activities" means that the cost of the rehabilitation activities is less than 50% of the market value of the structure before the start of construction.

3. Public Building Rehabilitation Projects (minor activities):

Public Building rehabilitation projects provided that all work is consistent with the requirements of the Flood Management Act and National Flood Insurance Program (NFIP), above grade activities are confined to the existing building or the footprint of previous buildings and the square footage of the building is not increased. "Minor activities" means that the cost of the rehabilitation activities is less than 50% of the market value of the structure before the start of construction. DOH will require a restrictive covenant to prevent any future expansion.

4. Historic Structure Rehabilitation Projects (minor activities):

Historic structure rehabilitation projects provided that all work is consistent with the requirements of the Flood Management Act and National Flood Insurance Program (NFIP), above grade activities are confined to the existing building or the footprint of previous buildings and the square footage of the building is not increased. "Minor activities" means that the cost of the rehabilitation activities is less than 50% of the market value of the structure before the start of construction. This work should be conditional on an approval by the Connecticut State Historic Preservation Office (SHPO).

5. Minor Stormwater Drainage Installation and Improvements:

Projects that include installation or replacements of catch basin/s, drainage systems, drainage outfalls with an equivalent diameter pipes, replacement or placement of in-kind riprap splash pads or plunge pools set no higher than existing grade at existing outfalls. Any change in pipe size, length, slope, and orientation in the flood zone will necessitate an individual Flood Management Certification. The design of rip rap splash pads and plunge pools shall conform to the guidelines in the CTDOT Drainage Manual.

6. Minor Utility Improvement Projects:

Projects that include installation of new or replacement of existing utility infrastructure that cause no hydraulic impacts or net change to impervious areas that would increase peak flows leaving the site.

7. Demolition of an Existing Structure:

Demolition and removal of existing structures to grade in a FEMA flood zone in accordance with flood contingency plan. Any future redevelopment of the site will require a Flood Management Certification.

8. Repair or Installation of Septic Systems and Community Water Supply Wells:

Repair and replacement of existing septic systems, installation of new community disposal system and community water supply wells.

9. Subsurface Investigations and Excavations related to Archaeological Surveys and Environmental Site Assessments

Site reconnaissance and field survey required assessing both prehistoric/historic and environmental impacts to a property. Project activities will be limited to test pits, borings, and hand shoveling. All impacts will be temporary in nature and disturbed areas will be restored to existing grades upon completion.

10. Minor Roadway Re-alignment or Intersection improvements:

Roadway reconstruction projects involving the milling and/or resurfacing or paving of the existing travel lanes with no net change to impervious area that would increase peak flows leaving the site.

11. Environmental Remediation

Environmental remediation consisting of soil excavation and in-kind soil backfilling to the existing surface elevation. Limited to 100 cubic yards to be excavated and staged at one time. The applicant shall be required to submit a soil management plan for the proposed work. The work shall be done in a manner that minimizes impacts to the waterways, and prevents debris entering the water and shall implement Best Management Practices. Staging and temporary work required to complete these activities will be allowed in the floodway provided that the activities are consistent with the flood contingency plan. The applicant will be required to submit a pre and post construction survey to DOH to demonstrate compliance with the permit. The survey will be signed and sealed by a licensed professional in the state of Connecticut.

12. Waterfront Development and Dredging Projects

Waterfront development and dredging projects provided that all work is approved by the CT DEEP Office of Long Island Sound Programs (OLISP) under a Certificate of Permission (COP) or a "Structures, Dredging and Fill" permit inclusive of all other required approvals by CT DEEP

13. Bulkhead Repair or In-kind Replacement:

Bulkhead repair or in-kind replacement activities approved under a Certificate of Permission by the Office of Long Island Sound Program.

Requirements, Restrictions

The following practices shall be followed for **ALL** activities covered under this General Certification:

- Prohibit activities within the floodway unless identified within the approved activities.
- The activity will have no increase in peak flow leaving the project site.
- Proper erosion and sedimentation controls will be utilized in conjunction with Best Management Practices as outlined in Connecticut Guidelines for Soil Erosion and Sediment Control.
- Proper Stormwater quality measures in accordance with the DEEP 2004 Connecticut Stormwater Quality Manual.
- Any temporary facilities or equipment requiring work in, or placement in a waterway, must be able to be removed in a timely manner from the site in case of a flood warning, except for items designed as temporary structures, in accordance with the guidelines outlined in the CTDOT Drainage Manual for Temporary Hydraulic Structures.
- Temporary facilities will allow for the passage of fish with minimal disturbance
- Unconfined in-stream work must be limited to the period June 1 to September 30th
- The activity will have no increase in peak flow leaving the project site
- Grading and placement of not greater than twenty –five (25) cubic yards of fill is allowed in a regulated area for temporary access to the site of such activity provided that: 1) all temporary fill is removed, 2) the top of roadway is no more than one foot above existing grade, 3) any disturbed areas are restored within one year of authorization and 4) any minor filling which has no net increase of peak discharges exiting the site.

Attachment I: Flood Contingency Plan

Department of Housing (DOH)

Flood Management General Certification for DOH Activities

Flood Contingency Plan Requirements

Prior to commencement of any construction, the Contractor will submit to the Project Engineer or Architect a written Flood Contingency Plan. The Architect or Engineer will review such plan and executed Professional Certification Form (Appendix B). The Plan will include the following:

- A description of the means by which the Contractor will remove from within the floodplain, all materials, equipment and personnel prior to a predicted major storm. The Contractor is responsible for monitoring local weather conditions and will secure the work site before predicted major storms. A major storm shall be defined as a storm predicted by the N.O.A.A. weather service with warning of flooding, severe thunderstorms or similarly severe weather conditions or effects.
- Provisions for notifying workers engaged in work of an impending storm.
- Provisions for securing work in progress prior to a major storm.
- No buoyant, hazardous, flammable, explosive, soluble, expansive, or any other materials which could be injurious to human, animal or plant life in the event of a flood will be stored below the elevation of the 500-year flood at any time. No storage of construction equipment and/or material will occur within the floodplain unless such equipment or material is not subject to major flood damage, or is anchored, restrained or enclosed to prevent it from floating away or is removed prior to flooding. The material storage areas must be identified on the construction plans.

Appendix B

DOH Professional Certification Form

For all General Permit Applications submitted as part of the Flood Management Certification for DOH Activities, the following certification must be signed and sealed by a professional engineer licensed to practice in Connecticut.

Property:	
Application Number:	
"I certify that in my professional judgment, the above referenced project has been designed consistent with the Flood Management Certification for DOH Activities as approved by DEEP and that the information is true, accurate and complete to the best of my knowledge and belief.	
I understand that a false statement made in the submitted information may, pursuant to Section 22a-6 of the General Statutes, be punishable as a criminal offense under Section 53a-157b of the General Statutes, and may also be punishable under Section 22a-438 of the General Statutes."	
Signature of Applicant	Date
Name of Applicant (print or type)	Title
Signature of Professional Engineer	Date
Name of Professional Engineer (print or type)	P.E. Number
	Affix P.E. Stamp Here
	