



**Connecticut Department of
Energy & Environmental Protection**
Bureau of Water Protection & Land Reuse
Land & Water Resources Division

LWRD License Application Form C

Check Application Type:

- Structures, Dredging & Fill (SDF)
- Structures, Dredging & Fill & Tidal Wetlands (TW)
- Structures, Dredging & Fill & Section 401 Water Quality Certificate (WQC)
- Structures, Dredging & Fill; TW; Section 401 WQC
- Section 401 Water Quality Certificate ([Tidal Waters, Federal Agency Activity only](#))

All sections of the LWRD application, when applicable, must be posted to the DEEP LWRD FTP site as instructed on Part VII of the LWRD Transmittal Form. See [LWRD Application Instructions](#) for general guidance.

Application Number (as assigned in CPPU e-mail): _____

Applicant Name (same name used on Part III of the LWRD Transmittal Form): _____

Part I: Pre-Submission Consultations

The application process requires preliminary coordination and input from other agencies/groups depending on the activity and the location. Consultations with other agencies must occur prior to application submission. Please allow 6-8 weeks for the necessary coordination. For this application, the applicant should start with these consultations, as applicable (See Part VI for further guidance).

Attachments:

20 NDDB	24 Bureau of Aquaculture
21 Wildlife- osprey	25 Harbor Management Commission
22 Dredging Projects	26 Shellfish Commission
23 Fisheries	27 USACE

Part II: Notifications

1. PUBLIC NOTICE OF APPLICATION – Attachment 1

One notice for any combination of these programs is acceptable. Please refer to the [Public Notice Requirements for Permit Applications](#) (DEEP-INST-005A). The public notice of application must be published prior to submitting an application, as required in CGS section 22a-6g. Refer to the [LWRD Application Instructions](#) for public notice language. A copy of the published notice of application and the completed [Certification of Notice Form](#) (DEEP-APP-005A) must be included as Attachment 1 to this application. Your application will not be processed if Attachment 1 is not included.

2. ADJACENT PARCEL OWNER NOTIFICATION – Attachment 3

(REQUIRED for Structures, Dredging and Fill & Tidal Wetland applications only)

The “*Certification of Notice Form - Notice of Application*” (Attachment 3) has to be mailed to any land owner of record for any property that is located five hundred (500) feet or less from the property line where the activity is proposed. See Part VI for further guidance.

3. MUNICIPAL NOTIFICATION OF TIDAL WETLAND APPLICATION – Attachment 4

(REQUIRED for Tidal Wetland applications only)

The applicant shall mail or e-mail a copy of the application to the chief administrative officer and the chairmen of the conservation and shellfish commissions. See Part VI for further guidance.

Part III: Site and Resource Information

1. SITE ADDRESS

Street: _____ City/Town: _____ State: _____ Zip Code: _____

2. MUNICIPAL ZONING

Is the proposed work consistent with municipal zoning requirements?

Yes No If no, explain:

3. WATERBODY/WATERCOURSES/WETLANDS

List names of all waters impacted by the proposed activity:

4. INDIAN LANDS

Is the activity that is the subject of this application located on federally recognized Indian lands? Yes No

5. AQUIFER PROTECTION AREAS

Is the site located within a mapped Level A or Level B [Aquifer Protection Area](#), as defined in CGS section 22a-354a through 22a-354bb?

Yes No If yes, check one: Level A or Level B

If Level A, are any of the [regulated activities](#), as defined in RCSA section 22a-354i-1(34), conducted on this site? Yes No

If yes, and your business is **not** already registered with the Aquifer Protection Program, contact the [aquifer protection agent](#) or DEEP to take appropriate action. For more information on the Aquifer Protection Area Program, contact the program at 860-424-3019 or visit the website at www.ct.gov/deep/aquiferprotection. See [LWRD Application Instructions](#) for further guidance.

6. CONSERVATION OR PRESERVATION RESTRICTIONS

Will the activity which is the subject of this application be located within a conservation or preservation restriction area? Yes No

If yes, provide proof of written notice of this application to the holder of such restriction, and/or a letter from the holder of such restriction verifying that this application is in compliance with the terms of the restriction, as Attachment 8.

7. LICENSE HISTORY

Indicate the number and date of issuance of any previous state permits or certificates issued by DEEP or USACE which authorized work at the site, and the names to whom they were issued.

<i>License/Permit/COP Authorization Number and Name of Agency</i>	<i>Date Issued</i>	<i>Name of Permittee/ Certificate Holder</i>	<i>Brief Description of Work Authorized</i>
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Part III: Site and Resource Information (continued)

8. SOIL AND/OR GROUNDWATER REMEDIATION

Does the site work include soil and/or groundwater remediation? Yes No

If yes, please provide reference documentation including a) plan views of the site showing the area of contamination and b) a summary of remediation with chemical analysis, clean-up status, and remediation program identification, as Attachment 9.

9. ENFORCEMENT HISTORY

Is this application associated with a formal or informal enforcement action that is pending with DEEP?
 Yes No

If yes, please provide the enforcement action reference number and name of the DEEP staff contact:

Enforcement Action #: _____

DEEP Division/Program: _____

DEEP Staff Contact: _____

If the property was the subject of any historical enforcement actions known to the applicant, explain:

10. Regulatory Limit – See [Reference Guide for Regulatory Jurisdiction](#) for further explanation if necessary.

Indicate the landward extent of the State’s regulatory jurisdiction by checking one box:

- Coastal Jurisdiction Line (CJL)**– for CJL information, refer to the [Coastal Jurisdiction Fact Sheet and Chart](#).
- Mean High Water (MHW)** – for projects located upstream of a tide gate, dam or weir (structure must be shown on project plans).
- Tidal Wetland Boundary**– To be used if tidal wetlands are located landward of CJL or MHW. Include one foot above local extreme high water, if applicable.

11. Tidal Elevations

Provide site elevations for CJL, MHW, Mean Low Water (MLW) and the High Tide Line (HTL)* in NAVD88. For general elevation reference and conversion, please refer to [USACE Tidal Flood Profiles](#); [CO-OPS Map - NOAA Tides & Currents](#); or, [Online VDatum: Vertical Datums Transformation](#)

CJL = _____ MHW = _____ MLW = _____ HTL = _____

*The HTL is necessary for USACE jurisdiction and required as part of the USACE application.

Part III: Site and Resource Information (continued)

12. Coastal Resource Impact Table

Check the applicable boxes below to identify coastal resources to be impacted by the proposed activity at the project site. Describe the impacts, as applicable. For definitions, refer to the [Connecticut Coastal Management Manual](#).

Resource Type	square feet			Describe Impacts
	Permanent impact	Temporary impact	Mitigation	
<input type="checkbox"/> Beaches/Dunes below HTL below CJL				
<input type="checkbox"/> Tidal Wetlands				Identify if existing vegetation is salt, brackish or freshwater wetland.
<input type="checkbox"/> Nearshore waters				
Resource Type	Describe Impacts (temporary and permanent)			
<input type="checkbox"/> Benthic Habitat				
<input type="checkbox"/> Intertidal Flats				
<input type="checkbox"/> Submerged Aquatic Vegetation (SAV)				
<input type="checkbox"/> Rocky Shorefront	Include rocky intertidal areas.			
<input type="checkbox"/> Finfish				
<input type="checkbox"/> Wildlife				
<input type="checkbox"/> Shellfish Areas	Maps available at The Aquaculture Mapping Atlas .			
<input type="checkbox"/> Coastal Hazard Area	Discuss FEMA compliance.			
<input type="checkbox"/> Bluffs/Escarpments	Describe impacts associated with flood and erosion control structures.			
<input type="checkbox"/> Islands	If new access is proposed, describe how island resources will be impacted.			
<input type="checkbox"/> Coastal Flooding	Describe how tide gates/fill/seawall height increases will impact flooding.			
<input type="checkbox"/> Water Circulation Patterns	Describe impacts from groins/abutments/jetties.			
<input type="checkbox"/> Drainage Patterns	Describe impacts from impervious surfaces/outfalls/weep holes and stormwater modifications.			
<input type="checkbox"/> Visual Quality	Only applies to public views of statewide scenic significance.			
<input type="checkbox"/> Water Quality	Discuss sediment and erosion controls, water handling, and stormwater treatment.			

Part IV: Project Information

Please note: Upon adoption of the [Long Island Sound Blue Plan](#), the policies of the Blue Plan will be factors for consideration for projects in the Blue Plan Policy Area boundary. The Policy Area boundary can be found on the [Blue Plan Map Viewer](#), while the policies are located in Chapter 4 of the [Blue Plan document](#).

1. Describe, briefly, the existing structures within state regulatory jurisdiction, and their conditions and uses at the site of the proposed work. **Provide photographs showing resources and existing site conditions as Attachment 10.**

2.
 - a. Describe the proposed regulated work and activities in a detailed narrative, including the number and dimensions of structures and the volume and area of fill or excavations. See [LWRD Application Instructions](#) for required information.

 - b. Describe the construction activities involved for the project in detail, including methods, sequencing, equipment, and any alternative construction methods that might be employed. For coastal dredging projects, identify the type of equipment with bucket and barge capacity and, for upland disposal, provide containment facility details (See [Reference for Coastal/Tidal Dredging](#)).

 - c. Describe any erosion and sedimentation or turbidity control installation and maintenance schedule and plans in detail. Such plans should be prepared in accordance with the [2002 Connecticut Guidelines for Soil Erosion and Sediment Control](#), as revised, established pursuant to CGS section 22a- 328.

 - d. Anticipated date of project initiation: _____
Indicate the length of time needed to complete the project and identify any anticipated time restrictions:

3. For **new** structures, activities or encroachments, discuss project alternatives which were considered and indicate why they were rejected. After all measures to eliminate or minimize adverse resource impacts have been incorporated in the proposed project, describe why any adverse impacts that remain should be deemed acceptable by the Land & Water Resources Division. For projects involving stormwater management, low-impact development practices should be incorporated to the greatest extent practicable. Explain any reasons for not using a low-impact development practice. See [LWRD Application Instructions](#) for further guidance.

Part IV: Project Information (continued)

4. The proposed work is associated with which of the following uses? (Check all that apply)

- Marine commercial/industrial use including aquaculture
- Flood and erosion control
- Residential boating access
 - Shared residential boating access
- Public access
- Infrastructure improvement
- Other – explain:

5. If the site is a marina or yacht club, provide the following:

- a. Number of boat slips and moorings: _____ (should be consistent with plans submitted as Attachment 14)
- b. Type of marine sanitation service provided at the facility. _____
- c. Check here to confirm that at least one plan view notes the location of upland support including adequate parking, a marina office, and restrooms.
- d. Check the applicable services provided:
 - boat repair/maintenance winter storage
 - gas/fuel hook-up electric hook-up
 - fishing amenities boating and/or equipment sales

6. If local/municipal review has or will require a Coastal Site Plan Review for activities at this site, please explain the associated upland work.

7. If a new or expanded flood and erosion control structure (e.g. seawall) is proposed, it would provide for the protection of:

- an infrastructural facility cemetery or burial grounds
- a water-dependent use a pre-1995 commercial or residential structure

Please make sure Item 3., above, documents that there are no feasible, less environmentally damaging alternatives and include Attachment 18, Engineering Report Cover Sheet. Also, the municipality must forward the related Coastal Site Plan Review to LWRD. See [LWRD Application Instructions](#) for further guidance.

8. Identify and evaluate any potential beneficial or adverse impacts to:

- a. Navigation (include federal and local navigation channels and distance to nearby docks):

- b. Public access to, and public use of, public trust lands and waters waterward of Mean High Water:

Part V: Engineering Support Documentation and Certification

Certain types of projects require documentation of engineering design. If you answer yes to one of the questions below, you must submit a completed [Engineering Report Cover Sheet](#) (DEEP-LWRD-APP-001R) as Attachment 18 along with the relevant engineering report(s).

1. Does the proposed activity include engineered structures such as bridges, culverts, stormwater management systems, detention basins, and/or flood & erosion control structures?

Yes No

2. Is the proposed activity located in a FEMA-designated Riverine or Coastal Floodplain?

Yes No

If yes, provide documentation in the Engineering Report which demonstrates that the project is in compliance with FEMA's National Flood Insurance Program requirements and the local flood ordinance for the municipality.

NOTE – Only the following activities in the Coastal Floodplain require engineering: buildings, flood and erosion control structures; public access facilities; and, tide regulating structures. See Engineering Report Cover Sheet for further guidance.

3. Is the proposed activity located in a FEMA-designated Floodway Yes No

If yes, the Engineering Report must include a statement signed by a registered professional engineer that there is no-rise. This documentation must be supported by technical data that is derived from a standard step-backwater computer model utilizing source data from the Flood Insurance Rate Map (FIRM) or Flood Boundary and Floodway Map (FBFM). If a No-rise Certification form is available through the municipality, please include it in the Engineering Report. For further information on No-Rise Certification, see [No-Rise Certification for Floodways | FEMA.gov](#)

The *Engineering Report Cover Sheet* shall be signed and sealed by a Professional Engineer licensed in the State of Connecticut. Supporting documentation as identified in the checklist may consist of engineering studies and other documentation, as appropriate, in order to describe the hydrologic and hydraulic effects of the proposed actions.

Part VI: Supporting Documents

The following attachments correspond to Form C. **If the Attachment name is followed by "REQUIRED", the attachment must be submitted with every application.** When submitting any supporting documents, please label the documents as indicated in this part (e.g., Attachment 1, etc.) and be sure to include the same applicant name used on Page 1 of this application form. Please check the box next to the attachments listed to indicate that they have been submitted, and provide the applicable attachments following this form. NOTE: Attachment numbering is NOT consecutive as the attachments relate to multiple LWRD program applications.

Attachment ID	Attachment Description
<input type="checkbox"/> Attachment 1	Public Notice of Application REQUIRED A copy of the published notice of permit application, as described in the instructions, attached to a completed " Certification of Notice Form- Notice of Application " (DEEP-APP-005A)
<input type="checkbox"/> Attachment 3	Adjacent Parcel Notification REQUIRED (Structures, Dredging and Fill & Tidal Wetland applications only) Any land owner of record for any property that is located five hundred (500) feet or less from the property line where the activity is proposed has to be mailed the "Certification of Notice Form - Notice of Application" (Attachment 1). As Attachment 3, provide the names and mailing addresses for these individuals and a certified mail receipt to document that a copy of the Notice of Application was sent to each. If the proposed work is entirely waterward of Mean High Water, but within the apparent riparian/littoral area of a shoreline property, that property should be used to compile the list of the names and addresses of all land owners of record located within five hundred feet from the property lines. Include any known claimants of water rights adjacent to the project and owners or lessees of shellfish grounds or franchises within the work area.

Part VI: Supporting Documents (continued)

- Attachment 4 Application Copy to Municipality**
(REQUIRED for Tidal Wetland applications only)
In accordance with CGS section 22a-32, the applicant shall mail or e-mail a copy of the application to the chief administrative officer and the chairmen of the conservation and shellfish commissions of the town or towns where the proposed work is located. Provide documentation such as a return receipt email or certified mail receipt to prove that such notification was completed. The applicant is also responsible for providing a copy of any substantive revisions made during the application review process.
- Attachment 7 Executive Summary REQUIRED**
Summarize the information contained in the complete application which must include a description of the proposed regulated activities and a synopsis of the environmental and engineering analyses of the impact of such activities. Include a list of the titles of all plans, drawings, reports, studies, appendices, or other documentation which are attached as part of the application.
- Attachment 8 Conservation or Preservation Restriction Information, if applicable.**
- Attachment 9 Remediation Documentation, if applicable.**
- Attachment 10 Photographs showing existing conditions of the site REQUIRED**
- Attachment 14 Project Plans, use [Project Plan Checklist](#) for requirements REQUIRED**
- Attachment 18 [Engineering Report Cover Sheet](#) (DEEP-LWRD-APP-001R)**
- Attachment 20 Natural Diversity Data Base (NDDB)**
Completed NDDB Determination #: _____
If the proposed activity is within an NDDB area, complete and submit a [Request for NDDB State Listed Species Review Form](#) (DEEP-APP-007) to the address specified on the form, **prior** to submitting this application. For NDDB maps and more information, visit the DEEP website at www.ct.gov/deep/nddbrequest or call the NDDB staff at 860-424-3011.
- Please note NDDB review generally takes 4 to 6 weeks and may require the applicant to produce additional documentation, such as ecological surveys, which must be completed prior to submitting this permit application. A copy of the NDDB Final Determination response letter that has not expired **must** be submitted as Attachment 20. Include a copy of any mitigation measures or management plan developed for this activity and approved by NDDB. Please DO NOT include a copy of the NDDB Review Request/Application. Be aware that you must renew your NDDB Determination if it expires before project work commences.
- Attachment 21 DEEP Wildlife Division – Osprey Consultation**
If the proposed activity will occur within 300 feet of an osprey platform, please note that work will be prohibited between May 1st and July 31st unless a DEEP waiver is obtained. If this seasonal prohibition conflicts with the proposed work schedule, please contact the DEEP Wildlife Division's Wildlife Diversity Program staff at deep.wildlife@ct.gov or 860-424-3011 for technical assistance before submitting your application. If you are seeking a seasonal prohibition waiver, documentation of the waiver issued by Wildlife Diversity Program staff must be submitted as Attachment 21. For known nesting locations, reference the Osprey Map at:
<https://www.google.com/maps/d/viewer?mid=1GyxnB-UAGxmseleCH9Zj4UdH1ug&usp=sharing> or <https://www.ctaudubon.org/citizen-science>.

Part VI: Supporting Documents (continued)

- Attachment 22** Dredging **Consultation Form**
(**REQUIRED** for dredging activities only.)
If dredging is proposed, please refer to [Reference for Coastal/Tidal Dredging](#) and submit a completed [Dredging Consultation Form](#).
- Attachment 23** **Fisheries Consultation Form**
If your project involves one or more of the following activities, check the applicable box(es) below and submit a completed [Fisheries Consultation Form](#) (DEEP-FISH-APP-007).
- new public/fishing access;
 - beach nourishment;
 - new docks and marinas on the Connecticut River;
 - coastal/tidal dredging projects;
 - culverts and bridges; and
 - activities within the Blue Plan Policy Area boundary.
- Note: Fisheries consultation is **not required** for docks and marinas on Long Island Sound and for disposal only of dredge sediment at one of the open water sites (generally NY dredge projects).
- Attachment 24** **Department of Agriculture/Bureau of Aquaculture Consultation**
If your project falls within one the categories below, check the box and submit a completed [Department of Agriculture/Bureau of Aquaculture Consultation Form](#).
- any project in a municipality directly on Long Island Sound
 - any project on the Connecticut River in Old Saybrook or Lyme
 - any project on the Housatonic River in Stratford or Milford
 - any project on the Thames River in New London, Waterford, Montville, Ledyard or Groton
 - dredging projects only in Lyme, Essex, Orange, Derby/Ansonia, Norwich or Preston
- Attachment 25** **Harbor Management Consultation Form**
If your town has a [Harbor Management Commission](#), submit a completed [Harbor Management Commission Consultation Form](#).
- Attachment 26** **Shellfish Commission Consultation Form**
If your town has a [Shellfish Commission](#), submit a completed [Shellfish Commission Consultation Form](#).
- Attachment 27** **USACE Consultation Form**
This consultation form is required to be submitted as part of an application for a Structures, Dredging & Fill license (Connecticut General Statutes (CGS) Section 22a-361) and/or Tidal Wetlands license (CGS Section 22a-32).
- Attachment 41** [Applicant Compliance Information Form](#) (DEEP-APP-002) **REQUIRED**.
- Attachment 42** [Applicant Background Information Form](#) (DEEP-APP-008) **REQUIRED**.
- Attachment 43** **Other Information:** Any other applicable information the applicant deems relevant or is required by DEEP.