



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

## LWRD License Application Form L

### Check Application Type(s):

- Section 401 Water Quality Certificate (WQC) (Non-Tidal)**
- Pre-Construction Notification (PCN) - USACE General Permits for CT**
- Inland Wetlands and Watercourses** (*State Agency/State Lands only*)
- Inland Wetlands and Watercourses and WQC** (*State Agency/State Lands only*)
- Non-Consumptive Water Diversion**

All sections of the LWRD License 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 VII for further guidance).

**Attachments:**

20	NDDB
23	Fisheries

### Part II: Notifications

**1. PUBLIC NOTICE OF APPLICATION – Attachment 1**

*(REQUIRED for Section 401 Water Quality Certification , Inland Wetlands and Watercourses, and Non-consumptive Diversion applications)*

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. PROJECTS LOCATED IN A PUBLIC SUPPLY WATERSHED – Attachment 5**

*(REQUIRED for Inland Wetland and Watercourse application)*

Provide proof of written notice to the water company of the filing of this application in accordance with CGS section 22a-42f as Attachment 5 following this form.

### Part III: U.S. Army Corps of Engineers Coordination

(Section 401 WQC and PCN only)

1. Include a copy of the United States Army Corps of Engineers (USACE) application as Attachment 28 and provide the name of USACE Project Manager, if known:

USACE Project Manager: \_\_\_\_\_

**2. For PCN Applications Only:**

Check the applicable General Permit(s).

- GP2 Repair or maintenance of existing currently serviceable authorized or grandfathered structures & fill, removal of structures
- GP5 Boat ramps and marine railways
- GP6\* Utility line activities
- GP9\* Shoreline and bank stabilization projects
- GP10 Aquatic Habitat restoration, establishment and enhancement activities
- GP11 Fish and wildlife harvesting activities
- GP17 New/expanded developments and recreational facilities
- GP18\* Linear transportation projects – wetland crossings only
- GP19\* Stream, river and brook crossing (not including wetland crossings)
- GP21\* Temporary fill not associated with any other GP activities

\* If a town is receiving funding through the CTDOT, the applicant has to coordinate with the DOT program manager to arrange participation in an Interagency Coordination Meeting. Provide a copy of the meeting notes as Attachment 30.

### Part IV: Site and Resource Information

**1. SITE ADDRESS**

Address of Site: \_\_\_\_\_ 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

**Part IV: Site and Resource Information (continued)**

**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](http://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>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**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:

\_\_\_\_\_

## Part IV: Site and Resource Information (continued)

### 10. RESOURCES IMPACTED

Check all that apply and complete Attachment 16, [Water Resource Impact Table](#).

A.  **Inland Wetland(s)**

- Check here to confirm that a Wetland Report (include functions and values, *USACE Wetland Determination Data Forms, Northcentral and Northeast Region*, and a description of any proposed impacts) is provided as Attachment 15. See [LWRD Application Instructions](#) for report requirements.

B.  **Watercourses** – includes waterbodies (lakes, ponds, and impoundments)

Please be aware that any work involving construction, alteration or modification of a dam may require additional approvals from the DEEP Dam Safety Division (860-424-3704).

**11. SPECIAL RESOURCE AREAS.** If one of the following wetland types (see Table 1, p. 5 of 5 of the [Department of the Army General Permits for the State of Connecticut](#)) may be impacted by the proposed activity, please coordinate with LWRD staff (860-424-3019) to determine if an Individual Section 401 Water Quality Certification is necessary:

- |              |                          |
|--------------|--------------------------|
| bog          | calcareous seepage swamp |
| cedar swamp  | fen                      |
| spruce swamp | vernal pool              |

### 12. MITIGATION

Regulated activities should be designed to avoid environmental impacts, and environmental impacts that are unavoidable should be minimized. Where unavoidable environmental impacts occur as a result of construction and/or operation of the proposed activity, mitigation for adverse impacts to wildlife and fish habitat, wetlands, watercourses, waterbodies and other natural resources should be incorporated into project plans.

- Check here if mitigation was recommended through pre-application consultation with DEEP's Land & Water Resources Division, Fisheries Division, and/or Wildlife Division. Provide a mitigation plan with narrative as Attachment 17.**

## Part V: Project Information

1. Describe the existing structures, conditions and uses at the site of the proposed work.  
**Provide photographs showing resources and existing site conditions as Attachment 10.**

\_\_\_\_\_

- 2a. 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.

\_\_\_\_\_

**Part V: Project Information (continued)**

2b. Describe the construction activities involved for the project in detail, including methods, sequencing, equipment, and any alternative construction methods that might be employed.

\_\_\_\_\_

2c. 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.

\_\_\_\_\_

2d. 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.

\_\_\_\_\_

4. If the project includes hydraulic and drainage structures, provide [Hydraulics Summary link?](#) as Attachment 19 and include Attachment 18, *Engineering Report Cover Sheet*.

a. Identify the type of structure: (Check one below that applies)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Culvert          | <input type="checkbox"/> Detention/Retention Basin | <input type="checkbox"/> Infiltration Basin/Structure |
| <input type="checkbox"/> Drainage Outfall | <input type="checkbox"/> Drainage Swale            | <input type="checkbox"/> Bridge                       |
| <input type="checkbox"/> Dam              | <input type="checkbox"/> Dike                      | <input type="checkbox"/> Outlet Control Structure     |
| <input type="checkbox"/> Weir             | <input type="checkbox"/> Pipe/Conduit/Aqueduct     | <input type="checkbox"/> Other:                       |

b. For bridge/culvert structures, what is the openness ratio? \_\_\_\_\_ meters

The [openness ratio](#) is the X-sectional area of structure opening/ length of the structure parallel to the stream.)

c. What is the size of the contributing watershed to the structure? \_\_\_\_\_ Acres \_\_\_\_\_ Square Miles

## Part VI: Engineering Support Documentation and Certification

Certain types of projects require documentation of engineering design. If you answer yes to questions 1 or 2 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 flood zone?  Yes  No
  - a. If yes, indicate the type of zone:  
 Floodway  Riverine Floodplain  New Engineered Structure in Coastal Floodplain
  - b. If yes, provide documentation in the Engineering Report to demonstrate that the relevant hydraulic analysis has been found to be in compliance with FEMA's National Flood Insurance Program requirements and the local flood ordinance for the municipality.
  - c. For activity in a Floodway, the Engineering Report must include a copy of a No-Rise Certification signed by a registered professional engineer. The No-rise Certification 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)

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 VII: Supporting Documents

The following attachments correspond to Form L. **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 20, 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 I.D.	Attachment Description
<input type="checkbox"/> Attachment 1	<p><b>Notice of Permit Application</b>  <i>(REQUIRED for Section 401 Water Quality Certification, Inland Wetlands and Watercourses, and Non-consumptive Diversion applications only)</i></p> <p>A copy of the published notice of permit application, as described in the instructions, attached to a completed "<a href="#">Certification of Notice Form- Notice of Application</a>" (DEEP-APP-005A)</p>
<input type="checkbox"/> Attachment 5	<p><b>Water Company Notification</b>  <i>(REQUIRED for Inland Wetland and Watercourse application only)</i></p> <p>If the project is located in a public supply watershed, provide a certified mail receipt as proof of notice to the water company of the filing of this application in accordance with CGS section 22a-42f.</p>
<input type="checkbox"/> Attachment 7	<p><b>Executive Summary REQUIRED</b></p> <p>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.</p>

## Part VII: Supporting Documents (continued)

- 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 15**     **Wetland Report** as explained in Part IV, item 10A.
- Attachment 16**     [Water Resource Impact Table](#) (DEEP-LWRD-APP-001W) **REQUIRED**
- Attachment 17**     **Mitigation Plan (with narrative)** as coordinated with DEEP Staff.
- Attachment 18**     [Engineering Report Cover Sheet](#) (DEEP-LWRD-APP-001R)
- Attachment 19**     [Hydraulics Summary](#) (DEEP-LWRD-APP-001X)
- Attachment 20**     **Natural Diversity Data Base (NDDB)**  
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](http://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. Be aware that you must renew your NDDB Determination if it expires before project work commences.
- 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;
  - activities in inland/non-tidal waterbodies and watercourses.
- Attachment 28**     **For 401 Water Quality Certification and Pre-Construction Notification only**, attach a copy of the USACE application
- Attachment 30**     **For Pre-Construction Notification projects with DOT funding**, attach a copy of the Interagency Coordination Meeting notes
- 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.