

Request for Determination of Stream Flow Release Requirement for Dam Safety Permit

Sections 26-141b-1 through 26-141b-8, inclusive, of the Regulations of Connecticut State Agencies, established Stream Flow Standards and requires certain dams across the state to make stream flow releases to support the downstream ecosystem and habitats. Although the first releases are not required to begin until 2024, if repairs or maintenance are proposed for a dam, it provides an opportunity to evaluate the release structures and ensure that the range of necessary stream flow releases either (1) can be accommodated with the existing release structures; or (2) if modifications are necessary, such modifications could be incorporated into the current construction to save effort and expense in the long run. This form is used to evaluate if stream flow releases are required and if so, the release volume(s). It is recommended that you submit the form prior to submitting the Dam Safety permit application to allow the review process to be more efficient.

Send the completed form to DEEP Water Quantity Unit, WPMD, WPLR, 79 Elm St, Hartford, CT 06106-5127 or scan to PDF and email to: deep.streamflowclass@ct.gov. Include additional pages as required. **Please include a map showing the location of the dam, and if appropriate as noted below, the US Geological Survey StreamStats Report.**

Once received, the bottom of page 2 will be completed by the Water Quantity Unit. A copy will be sent to the dam owner(s), their agent, and the DEEP Dam Safety Program. If the owner prepares an application for a Dam Safety Permit, a copy of the signed form must be included with the application materials. If not included, the application may take longer to process and review. Contact the Water Quantity Unit at 860-424-3020 or deep.streamflowclass@ct.gov with questions.

Part I: Dam Information

- | | | |
|---|--|--|
| 1. Dam Name: | DEEP Dam ID#: | |
| <i>(Provide name of dam on file with DEEP Dam Safety Program. If unsure of name or ID, contact Dam Safety at 860-424-3706)</i> | | |
| Alternate Dam or Pond Name: | | |
| Town: | Name of stream: | |
| Describe dam (e.g. earthen, concrete, etc.): | | |
| 2. What is the purpose of the dam and impoundment? (check all that apply) | | |
| <input type="checkbox"/> Agricultural | <input type="checkbox"/> Hydropower | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Public water supply | <input type="checkbox"/> Aesthetic |
| <input type="checkbox"/> Fire protection | <input type="checkbox"/> Non-public water supply | <input type="checkbox"/> No identified use |
| <input type="checkbox"/> Detention sediment basin | <input type="checkbox"/> Flood control | |
| 3. What is the reason you are proposing working on the dam? | | |
| <input type="checkbox"/> DEEP Dam Repair order; if so, indicate order #: | | |
| <input type="checkbox"/> Maintenance or Engineering Request from DEEP Dam Safety.
<i>(include copy of the correspondence from DEEP Dam Safety Program)</i> | | |
| <input type="checkbox"/> Initiated by owner for safety, conservation, or other reasons. | | |
| 4. Describe the proposed changes to the dam: e.g. raise the elevation of the crest of dam; widen the spillway, etc. | | |

Part I: Dam Information (continued)

5. Do any of the exemptions listed in Section 26-141b-3(c) of the Regulations of Connecticut State Agencies (https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/Title_26Subtitle_26-141bSection_26-141b-3/) apply to your dam? Yes No

If so, which one? (for example: (1) Hydroelectric power generation) Please contact us at 860-424-3020 or deep.streamflowclass@ct.gov with any questions.

6. If you will be required to make releases, please provide the range, in cubic feet per second, which will be required in accordance with Section 26-141b-6 of the Regulations of Connecticut State Agencies (https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/Title_26Subtitle_26-141bSection_26-141b-6/). The US Geological Survey's StreamStats application can be accessed here: <https://streamstats.usgs.gov/ss/>: Please attach a copy of the report generated by StreamStats to this Request for Determination.

7. If you will be required to make releases, please provide the following:

Height of Dam: _____ feet (Measured from downstream bed to top of dam)

Height of Spillway on Upstream Face of Dam: _____ feet (Measured from reservoir bed to bottom of spillway)

Elevation of Spillway: _____ feet Normal Pool Elevation: _____ feet

Elevation(s) of release structure(s): _____ feet Range of Pool Elevations: _____ feet

Size and flow capacity of release structure(s): _____

Attach calculations to show how the flow capacity was determined.

Part II: Owner/Agent Information

1. Dam Owner Name:

Mailing Address:

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

Business Phone: _____ ext.: _____

E-mail: _____

Check here if additional names of owners need to be included, and label and attach them to this sheet.

2. Agent Name (optional):

(An agent could be a consultant, dam operator, or owner representative)

Mailing Address:

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

Business Phone: _____ ext.: _____

E-mail: _____

===== For CT DEEP Use Only =====
 Date Received: _____ Stream Flow Release Confirmation: _____

No Stream Flow Release required by regulations under exemption: _____

Stream Flow Release required: MLR RGQ80 Range: _____

Stream Flow Release required to begin by _____

Reviewed by: _____ Title: _____ Date: _____

Approved by: _____ Title: _____ Date: _____