

## Attachment E: Documentation Form for a Dam Construction Permit (CGS Section 22a-403)

Applicants should review the application instructions (DEP-IWRD-INST-100) and CGS Sections 22a-401 through 22a-411.

1. Applicant Name:  
: (as indicated on the *Permit Application Transmittal Form*)  
:
2. Name of watercourse affected by dam:  
Name of dam:  
Name of impoundment:  
CT Dam Inventory Number, if known:
3. Description of proposed activity:  
☐ New construction      ☐ Repair      ☐ Modification      ☐ Removal
4. Description of the proposed/current uses of the proposed/existing dam and impoundment:

5. Characteristics of proposed or existing impoundment:

6. Characteristics of proposed or existing dam:

7. Characteristics of proposed or existing spillway:

8. Type of proposed or existing construction:

- b. Dike:

Attachment E: Documentation Form (continued)

8. c. Spillway:

9. Hydraulic factors:

a. Spillway design storm (return frequency, e.g., 100 yr., ½ PMF, PMF, Other):

b. Design storm duration:            hours.

c. Peak inflow:            cfs

d. Peak outflow:            cfs

e. Impoundment elevation at peak outflow:            feet

10. Use of fill material:

Will fill material be placed in a watercourse or in wetlands?            ☐ Yes            ☐ No

If Yes, the volume to be placed is:            cubic yards and the area to be filled is:            acres.

The fill must be delineated on application plans submitted as Attachment G.

11. Rate of flow to be passed on an uninterrupted instantaneous basis through the dam during filling or refilling is:            cfs.

12. If the impoundment will be drawn down, will potable water supply wells be adversely affected by such drawdown?            ☐ Yes            ☐ No

If yes, provide plan for potable water supply as Attachment E12.

13. Submit as Attachment E13, a Dam Operations Maintenance Manual and Flood Emergency Operations Plan. See instructions (DEP-IWRD-INST-100) for this manual and plan.

14. Summary of Documents submitted with Attachment E: Check each document being submitted under Attachment E as verification that all applicable documents have been submitted.

☐ Attachment E7g:    Supporting documentation for historic data

☐ Attachment E12:    Plan for potable water supply, if applicable.

☐ Attachment E13:    Dam Operations Maintenance Manual and Flood Emergency Operations Plan.

☐ Other, please specify: