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.

.∠d-4	2a-411.					
1.	Applicant Name: (as indicated on the <i>Permit Applicated</i>)	plication Transmittal	Form)			
2.	Name of watercourse affected	by dam:				
	Name of dam:	-				
	Name of impoundment:					
	CT Dam Inventory Number, if I	known:				
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3.	Description of proposed activit New construction	y: Repair	☐ Modification	☐ Removal		
	Description of the proposed/cu	irrent uses of the pro	posed/existing dam and impo	oundment:		
4.	Description of the proposed/ct		· · · · ·			
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Attachment E: Documentation Form (continued)

5.	C	Characteristics of proposed or existing impoundment:		
	a.	Surface area: acres		
	b.	Drainage area: (check one): acres or square miles		
	c.	Volume at spillway height: (check one): ☐ acre-feet or ☐ cubic feet		
	d.	Volume at top of dam: (check one): ☐ acre-feet or ☐ cubic feet		
6.	: Cł	naracteristics of proposed or existing dam:		
	a.	Maximum height at centerline: feet		
	b.	Total length: feet		
7.	Ch	Characteristics of proposed or existing spillway:		
	a.	Type:		
	b.	Capacity: _cubic feet/second (cfs) at design storm elevation		
		cfs at top of dam		
	C.	Length: feet		
	d.	Height above stream bed: feet		
	e.	Amount of freeboard: feet		
	f.	Existing water surface elevation: feet NGVD		
	g.	Historic water surface elevation: feet NGVD		
		Historic water surface elevation maintained until: (year)		
	Ь	Provide documentation supporting historic data as Attachment E7g. Proposed water surface elevation: feet NGVD		
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8.	a.	pe of proposed or existing construction: Dam:		
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Attachment E: Documentation Form (continued)

8. c. Spillway:			
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:. 9. Hydraulic factors:			
a. Spillway design sto	torm (return frequency, e.g., 100 yr., ½ PMF, PMF, Other):		
b. Design storm dura	ation: hours.		
c. Peak inflow:	cfs		
d. Peak outflow:	cfs		
	vation at peak outflow: feet		
e. Impoundment old			
10. Use of fill material:			
Will fill material be plac	ced in a watercourse or in wetlands?		
If Yes, the volume to b	be placed is: cubic yards and the area to be filled is: acres.		
The fill must be delined	eated on application plans submitted as Attachment G.		
11. Rate of flow to be pass refilling is: cfs.	sed on an uninterrupted instantaneous basis through the dam during filling or		
12. If the impoundment wil drawdown?	ill be drawn down, will potable water supply wells be adversely affected by such		
If yes, provide plan for	r potable water supply as Attachment E12.		
13. Submit as Attachment Plan. See instructions	t E13, a Dam Operations Maintenance Manual and Flood Emergency Operations (DEP-IWRD-INST-100) for this manual and plan.		
14. Summary of Documen Attachment E as verific	 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 spec	Other, please specify:		