



# APPLICATION FOR PERMIT TO CONSTRUCT OR RECONSTRUCT A DAM

Water Division/Dam Bureau



**RSA/Rule:** RSA 482:9 and 482:29, Env-Wr 400

The Dam Owner named below hereby makes application, on Enter Date \_\_\_\_\_, to construct or reconstruct a dam.

The Dam Owner **certifies** that he/she owns or has flowage rights on all lands that will be/are permanently or temporarily flowed by the within described dam. Under the penalties and pains of perjury, the applicant affirms that the attached information, to the best of his/her knowledge, is true and correct.

DAM OWNER			PROPERTY OWNER (IF DIFFERENT THAN DAM OWNER)		
NAME:			NAME:		
MAILING ADDRESS:			MAILING ADDRESS:		
CITY:	STATE:	ZIP:	CITY:	STATE:	ZIP:
PHONE NUMBER:			PHONE NUMBER:		
EMAIL:			EMAIL:		
SIGNATURE:			SIGNATURE:		
DATE:			DATE:		

DAM INFORMATION	
STATE DAM ID NUMBER (IF ASSIGNED):	DAM NAME:
LOCATED IN TOWN/CITY:	COUNTY:
NAME OF RECEIVING STREAM, RIVER OR BROOK:	PURPOSE OF DAM:
TAX MAP, LOT NUMBER:	LATITUDE, LONGITUDE:
WETLANDS DREDGE/FILL FILE NUMBER (IF APPLICABLE):	DEED BOOK AND PAGE:

Preliminary plans, specifications and other documentation related to the construction or reconstruction are to be filed with this application and made a part hereof. It is understood that additional details, plans/specifications and fees may be required by and submitted to NHDES. Construction/reconstruction shall not commence until all such information and fees have been filed with and approved by NHDES, and a permit has been issued.

**A \$2,000 filing fee, check or money order, made payable to Treasurer State of New Hampshire, is required to accompany this application. Failure to submit this fee will delay processing. An additional fee will be required in accordance with the assigned hazard classification:**

**High or Significant hazard - \$2,000, Low hazard - \$1,000**

OFFICE USE ONLY	
Check Number:	Date Rcvd:
Amt Rcvd:	
Name On Check:	

damsafety@des.nh.gov or phone (603) 271-3406  
PO Box 95, Concord, NH 03302-0095  
www.des.nh.gov

<b>PERTINENT DATA (CONSISTENT WITH CURRENT PROPOSAL)</b>	
Maximum height of dam (ft)	
Length of dam (ft)	
Pond area normal (acres)	
Pond area maximum (acres)	
Storage capacity normal (acres-ft)	
Storage capacity maximum (acres-ft)	
Drainage area (acres/sq miles)	

<b>DISCHARGE CAPACITY (CUBIC FEET PER SECOND)</b>	
Water level 1 ft below top of dam (with no manual operations)	
Water level at top of dam (with no manual operations)	
Water level at top of dam (with all operable outlets fully open)	

<b>DESCRIPTION OF OUTLET WORKS (CONSISTENT WITH CURRENT PROPOSAL)</b>		
<b>Type</b>	<b>Dimensions (length, width, height, diameter, etc.)</b>	<b>Elevation</b>
Spillway		
Drop Inlet		
Stoplog Bays		
Flashboards		
Gate		
Auxiliary Spillway		
Pond Drain		
Other		

<b>DESIGN STORM</b>	
Hydrologic Modeling Software Used	
Frequency (50, 100, 1,000-yr, 0.5 PMF, PMF, etc.)	
Peak Inflow (cubic feet per second)	
Peak Routed Outflow With No Manual Operations (cubic feet per second)	
Remaining Freeboard at Dam During Peak Outflow (ft)	

**DESCRIPTION OF PROPOSED OR EXISTING, AS APPLICABLE, DAM STRUCTURE (E.G., EARTH EMBANKMENT WITH CONCRETE SPILLWAY, CONCRETE GRAVITY, TIMBER CRIB, ETC.):**

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**ANY OTHER INFORMATION CONSIDERED TO BE PERTINENT TO THIS APPLICATION:**

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**The information on or submitted with this application should be as complete as possible. The Dam Application Checklist will assist the applicant in submitting an application that is as complete as possible.**

**Attach copies of deeds, easements, rights or agreements associated with the dam and the property on which the dam is located.**

## DAM APPLICATION CHECKLIST

(see Env-Wr Chapters 300 and 400 of New Hampshire Code of Administrative Rules for specific requirements)

- Completed application with initial \$2,000 application fee. An additional fee may be requested following review of the application.
- Signature of the owner of the dam **and** the owner of the property, if different.
- Location map sufficient in detail to locate project.
- Written Operation, Maintenance and Response Plan per Env-Wr 303.04.
- Engineers resume submitted in accordance with Env-Wr 403.03(a)(2).
- Results of any subsurface explorations.
- Results of all structural analyses, which may include but not be limited to, stability analyses for overturning, sliding and slope failure.
- Results of hydrologic and hydraulic calculations, which show the dam has the capacity to safely discharge the design storm with 1 ft freeboard without manual operations.
- Present documentation proving ownership of flowed land or flowage rights per Env-Wr 402.02(b)(3).
- Results of a seepage analysis for Significant and High Hazard dams.
- Emergency Action Plan for Significant and High Hazard dams per Env-Wr 402.02(a)(13).
- Construction plans and specifications that meet applicable administrative rules/guidance.

The information included on this sheet is intended to assist the applicant in submitting an initial application that is complete as possible. Additional and more specific information and design requirements are included in rules, which may be found on our [Dam Maintenance and Management webpage](#).